



January 29, 2001

STL LOT NUMBER: E1A150166

Rus Purcell
Kennedy/Jenks
2151 Michelson Drive
Suite 100
Irvine, CA 92612

STL Los Angeles
1721 South Grand Avenue
Santa Ana, CA 92705-4808

Tel: 714 258 8610
Fax: 714 258 0921
www.stl-inc.com

Dear Mr. Purcell,

This report contains the analytical results for the four samples received under chain of custody by STL Los Angeles on January 15, 2001. The samples are associated with your BRC, former C-6 Torrance Harbor Gateway project.

All applicable quality control procedures meet method-specified acceptance criteria. See Project Receipt Checklist for container temperature and conditions. Temperature reading beyond 2 to 6 degrees Celsius is considered not within acceptable criteria unless otherwise noted such as limited transit time from field and test requested. Any matrix related anomaly is footnoted within the report.

STL Los Angeles certifies that the test results provided in this report meet all the requirements of NELAC. This report shall not be reproduced except in full, without the written approval of the laboratory.

If you have any questions, please feel free to call me at 714-258-8610.

Sincerely,

A handwritten signature in black ink, appearing to read "Diane Suzuki".

Diane Suzuki
Project Manager

cc: Project File

000072

This report contains a total of _____ pages.



SEVERN TRENT LABORATORIES

COMMIT TO YOUR SUCCESS

CHAIN OF CUSTODY RECORD

No. 203081

000002

BOF-C6-0153620

SEVERN TRENT
LABORATORIES, INC.
STANDARD TERMS
AND CONDITIONS

ACCEPTANCE. Severn Trent Laboratories, Inc. (hereafter referred to as "STL") offers and will accept orders for services (as defined herein) only under the following Standard Terms and Conditions (the "Terms"). These Terms shall not apply if STL and the Customer shall have executed a separate agreement in writing. If specific Terms are not incorporated in the separate agreement those Terms will apply to the Customer. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of STL. Customer's order for services shall be subject to the Terms and the Terms shall be binding upon receipt of samples to STL. Either party may terminate this agreement at any time by giving written notice of such termination to the other party. Upon termination the customer is subject to payment for all services rendered and expenses incurred up to date in accordance with the applicable Price Schedule.

INSURANCE. STL maintains insurance coverage with minimum limits as follows: (a) Comprehensive General Liability- \$1,000,000 each occurrence \$2,000,000 annual aggregate; (b) Comprehensive Automotive Liability Bodily Injury and Property Damage- \$1,000,000 each occurrence. (c) Workman's Compensation- \$500,000 each occurrence and \$500,000 each employee; STL and Customer agree to furnish the other, upon request, certificates attesting to the existence of insurance coverage.

INDEPENDENT CONTRACTOR. STL's relationship with Customer under this agreement shall be that of an independent contractor. Nothing in this Agreement shall be construed to designate STL, or any of its employees or subcontractors, as employees, joint venturers or partners of Customer.

SUBCONTRACTING. STL shall have the right to subcontract any and all services, duties, and obligations hereunder, in whole or in part with the consent of the Customer in a timely response which shall not be unreasonably refused. Subcontractor shall be bound by the same Terms of performance as STL.

BILLING. All fees are charged or billed directly to the Customer. The billing of a third party will not be accepted without a statement, signed by the third party, which acknowledges and accepts payment responsibility.

PAYMENT. Payment in advance is required for all Customers except those whose credit has been established with STL. Customers with STL approved credit, terms are Net 30 days, after which time a 1-1/2% per month late charge is added to all unpaid balances. Failure of the Customer to pay according to Terms gives STL the right to withhold delivery of future data until all past due invoices have been settled. Customer shall pay all costs and expenses incident to the collection of past due amounts, including reasonable attorney's fees. No retainage of fees by the customer is allowed without the consent of STL.

MODIFICATIONS. If the sample received is of unknown character than in the original quote, or if due to the composition of the sample the original procedure specified is not practicable or likely to produce reliable results, Customer will be promptly notified. Modified procedures will be suggested and STL may quote new prices for such modifications. Upon agreement of such modification, the original quote shall be deemed amended and the samples in question shall be deemed to have been received.

TIME OF PERFORMANCE. STL will use its best efforts to comply with storage, processing and analytical time limits requested by the Customer. Unless specifically agreed to in writing between STL and Customer, the time performance of any testing or other services performed by STL under this agreement is not guaranteed and STL shall have no liability for failure to perform such services within the time requested. Quick turnaround times are available at a premium cost which will be defined in the quote, providing STL workload availability.

LIMITATION OF DAMAGES. STL is not an insurer of services rendered and the payments mentioned are based solely on the value of the services provided pursuant to this agreement. STL's liability to the Customer and the Customer's exclusive remedy for any cause of action alleged against STL, whether based in contract, tort, or otherwise, shall be limited solely to the amount paid by the Customer for the services performed. In no event shall STL be liable for incidental or consequential damages including, without limitation, business interruption, loss of use, or loss of profits incurred by the Customer, its subsidiaries, affiliates, successors or assigns, arising out of or related to this agreement or the performance of services hereunder.

WARRANTY. STL makes no warranty or representation, express or implied, or guarantee of results from the performance of services pursuant to this Agreement. Any information, recommendation, interpretation, or opinion by STL is

based upon inferences and assumptions which are subject to error, and with respect to which analysis may differ. Accordingly, STL does not assume any liability with respect to the use of, or for damages resulting from the use of, any information, data, test results, analysis, apparatus, method, or process disclosed by STL. STL makes no presentation or warranty of any kind, including but not limited to, the warranties of fitness for a particular purpose or merchantability, nor are any such warranties to be implied with respect to the data or service furnished. STL assumes no responsibility with respect to Customer's use thereof.

LIMITATION ACTION. No action, regardless of form, arising out of or brought in connection with any services provided under this Agreement may be brought by the Customer more than one year after the performance of said services by STL. It is expressly agreed that STL shall have no liability to Customer unless that liability arises out of the willful misconduct or gross negligence of STL or its duly authorized employees.

CONFIDENTIALITY. Data and the sample materials provided by Customer or at Customer's request and the result obtained by STL shall be held in confidence (unless such information is generally available to the public or is in the public domain or Customer has failed to pay STL for all services rendered or is otherwise in breach of this Agreement) subject to any disclosure required by law or legal process. STL's reports and the data and information provided therein are for the exclusive use and benefit of Customer and Customer agrees there shall be no third party beneficiary of such reports, data, or information. Customer will not disclose to any third party any information concerning STL's technical information, software programs, or other formulations.

SEVERABILITY. The provisions of this Agreement shall be severable, and if any clause, sentence, paragraph, provision or other part hereof shall be adjudged by any court of competent jurisdiction to be invalid, such judgment shall not affect, impair or invalidate the remainder hereof, which remainder shall continue in full force and effect.

WAIVER. No waiver by either party of any breach, default or violation of any term, warranty, representation, agreement, covenant, condition or provision hereof shall constitute a waiver of any subsequent breach, default or violation of the same or any other term, warranty, representation, agreement, covenant, condition or provision hereof. All waivers must be in writing.

FORCE MAJEURE. Obligation of either party under this Agreement shall be suspended, and such party shall not be liable for damages or other remedies while such party is prevented from complying therewith, in whole or in part, due to contingencies beyond its reasonable control, including, but not limited to, strikes, riots, war, fire, act of God, injunction, compliance with any law, regulation or order, whether valid or invalid, of the United States of America or any other governmental body or any instrumentality, matrix interference or unknown highly contaminated samples that impact instrument operations thereof, whether now existing or hereafter created, inability to secure materials or obtain necessary permits, provided, however, the party so prevented from complying with its obligations hereunder shall promptly notify the other party thereof.

LITIGATION. All costs associated with compliance to any subpoena for documents, for testimony in court of law, or for any other purpose relating to work performed by STL, in connection with work performed for the Customer, shall be paid by the Customer. Such costs shall include, but are not limited to, hourly charges for persons involved in responding to subpoenas, travel and accommodations, mileage, attorney's preparation of testifier and advice of counsel in connection with response to subpoenas, and all other expenses deemed reasonable and associated with said litigation.

HAZARDOUS WASTE. Unused portions of samples found or suspected to be hazardous according to state or federal guidelines may be returned to the Customer upon completion of the analytical work. The cost of returning the sample may be invoiced to the Customer. The sample portions thereof remain the property of the Customer at all times. All radioactive or dioxin containing samples will be returned to the sampling site or to the Customer at the Customer's expense.

RETENTION OF SAMPLES. All routine samples are retained in our storage facilities for 30 days after report generation unless prior arrangements have been made. Samples may be held longer per Customers request for an additional fee.

RETENTION OF REPORTS. STL shall retain copies of analytical reports for a period of 5 years after report date, after which such reports may be destroyed or returned to the Customer at Customers expense. If Customer requests additional copies of such analytical reports during the retention period, an additional charge will apply for the preparation and printing of such reports.

COMPLIANCE WITH LAW. In the performance of all services to be provided hereunder, STL and Customer agree to comply with all applicable Federal, State and local laws and ordinances and all lawful orders, rules and regulations of any constituted authority.

APPLICABLE LAW. The validity, performance and construction of this Agreement shall be governed by and construed in accordance with the laws of the State of Delaware.

**STL - LOS ANGELES
PROJECT RECEIPT CHECKLIST**

Date: 01-15-2001

Quantums Lot #: ELA 150166

Client Name: Kennedy Tanks

Received by: Arik Bui

Delivered by : Client Airborne Fed Ex
 UPS DES Other

Quote #: 38029

Project: 084034.00

Date/Time Received: 07/15 14:17

DHL Ultra-Ex Rey B.

Initial / Date

Custody Seal Status: Intact Broken None

RS 1/5

Custody Seal #(s): _____ - No Seal #

Sample Container(s): STL-LA Client N/A

Temperature(s) (COOLER/BLANK) in °C: 7°C (CORRECTED TEMP): 5°C

Thermometer Used : IR (Infra-red) Digital (Probe)

Samples: Intact Broken Other

Anomalies: No Yes (See Clouseau)

Anomalies:
Labeled by

Labeling checked by _____

Labelling checked by
.....

Turn Around Time: RUSH-24HR RUSH-48HR RUSH-72HR NORMAL

Short-Hold Notification: Ph Wet Chem Metals (Filter/Pres) Encore N/A ...

Outside Analysis(es) (Test/Lab/Date Sent Out) :

.....

***** LEAVE NO BLANK SPACES ; USE N/A *****

ii: HCl na: Sodium Hydroxide xma: Zinc Acetate/Sodium Hydroxide x: H2SO4 n: HNO3 n/f: HNO3-Field filtered n/f: HNO3-Lab filtered
 CGJ: Clear Glass Jar CGB: Clear Glass Bottle AGJ: Amber Glass Jar AGB: Amber Glass Bottle PB: Poly Bottle E: Encore Sampler V: VOA

* Number of VOA's w/ Headspace present

LOGGED BY/DATE: ✓

REVIEWED BY/DATE:

BOF-C6-0153622

EXECUTIVE SUMMARY - Detection Highlights

E1A150166

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>ANALYTICAL METHOD</u>
BUILD-2-X-11-010901-1 01/09/01 08:00	001			
C14-C15	25 J	50	mg/kg	SW846 8015B
C16-C17	70	50	mg/kg	SW846 8015B
C18-C19	81	50	mg/kg	SW846 8015B
C20-C23	66	50	mg/kg	SW846 8015B
C24-C27	70	50	mg/kg	SW846 8015B
C28-C31	91	50	mg/kg	SW846 8015B
C32-C35	100	50	mg/kg	SW846 8015B
C36-C39	130	50	mg/kg	SW846 8015B
C40+	210	50	mg/kg	SW846 8015B
Total Carbon Chain Range	850	50	mg/kg	SW846 8015B
C6-C8	0.23 J, B	1.0	mg/kg	SW846 8015B
Mercury	0.038 B	0.10	mg/kg	SW846 7471A
Aluminum	19200	20.0	mg/kg	SW846 6010B
Arsenic	3.0	1.0	mg/kg	SW846 6010B
Antimony	1.1 B	6.0	mg/kg	SW846 6010B
Barium	148	2.0	mg/kg	SW846 6010B
Cadmium	2.1	0.50	mg/kg	SW846 6010B
Chromium	66.0	1.0	mg/kg	SW846 6010B
Beryllium	0.64	0.50	mg/kg	SW846 6010B
Lead	8.6	0.50	mg/kg	SW846 6010B
Cobalt	8.6	5.0	mg/kg	SW846 6010B
Copper	23.5	2.5	mg/kg	SW846 6010B
Molybdenum	1.4 B	4.0	mg/kg	SW846 6010B
Nickel	20.0	4.0	mg/kg	SW846 6010B
Vanadium	43.3	5.0	mg/kg	SW846 6010B
Zinc	649	4.0	mg/kg	SW846 6010B
BUILD-2-T-20-010901-1 01/09/01 10:20	002			
C14-C15	520	500	mg/kg	SW846 8015B
C16-C17	650	500	mg/kg	SW846 8015B
C18-C19	680	500	mg/kg	SW846 8015B
C20-C23	930	500	mg/kg	SW846 8015B
C24-C27	3400	500	mg/kg	SW846 8015B
C28-C31	4900	500	mg/kg	SW846 8015B
C32-C35	5800	500	mg/kg	SW846 8015B
C36-C39	3200	500	mg/kg	SW846 8015B
C40+	3400	500	mg/kg	SW846 8015B
Total Carbon Chain Range	24000	500	mg/kg	SW846 8015B
C6-C8	2.0 B	1.0	mg/kg	SW846 8015B
Mercury	0.027 B	0.10	mg/kg	SW846 7471A
Aluminum	24200	20.0	mg/kg	SW846 6010B
Arsenic	3.3	1.0	mg/kg	SW846 6010B

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BOE-C6-0153623

EXECUTIVE SUMMARY - Detection Highlights

E1A150166

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>ANALYTICAL METHOD</u>
BUILD-2-T-20-010901-1 01/09/01 10:20	002			
Antimony	2.0 B	6.0	mg/kg	SW846 6010B
Barium	124	2.0	mg/kg	SW846 6010B
Cadmium	20.8	0.50	mg/kg	SW846 6010B
Chromium	158	1.0	mg/kg	SW846 6010B
Beryllium	0.70	0.50	mg/kg	SW846 6010B
Lead	51.5	0.50	mg/kg	SW846 6010B
Cobalt	10.0	5.0	mg/kg	SW846 6010B
Copper	27.7	2.5	mg/kg	SW846 6010B
Molybdenum	2.0 B	4.0	mg/kg	SW846 6010B
Nickel	22.4	4.0	mg/kg	SW846 6010B
Thallium	0.59 B	1.0	mg/kg	SW846 6010B
Vanadium	48.7	5.0	mg/kg	SW846 6010B
Zinc	216	2.0	mg/kg	SW846 6010B
Acetone	24 J	25	ug/kg	SW846 8260B
1,1-Dichloroethane	32	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	34	5.0	ug/kg	SW846 8260B
Trichloroethene	70	5.0	ug/kg	SW846 8260B
Toluene	12	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	3.2 J	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	9.7	5.0	ug/kg	SW846 8260B
n-Butylbenzene	3.7 J	5.0	ug/kg	SW846 8260B
BUILD-2-O-9-011001-1 01/10/01 10:30	003			
Total Carbon Chain Range	12	10	mg/kg	SW846 8015B
C6-C8	0.23 J, B	1.0	mg/kg	SW846 8015B
Mercury	0.031 B	0.10	mg/kg	SW846 7471A
Aluminum	14700	20.0	mg/kg	SW846 6010B
Arsenic	2.3	1.0	mg/kg	SW846 6010B
Antimony	0.36 B	6.0	mg/kg	SW846 6010B
Barium	113	2.0	mg/kg	SW846 6010B
Chromium	18.3	1.0	mg/kg	SW846 6010B
Beryllium	0.48 B	0.50	mg/kg	SW846 6010B
Lead	6.7	0.50	mg/kg	SW846 6010B
Cobalt	8.4	5.0	mg/kg	SW846 6010B
Copper	75.5	2.5	mg/kg	SW846 6010B
Molybdenum	0.90 B	4.0	mg/kg	SW846 6010B
Nickel	12.3	4.0	mg/kg	SW846 6010B
Vanadium	33.2	5.0	mg/kg	SW846 6010B
Zinc	64.5	2.0	mg/kg	SW846 6010B
Acetone	20 J	25	ug/kg	SW846 8260B

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EXECUTIVE SUMMARY - Detection Highlights

E1A150166

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>ANALYTICAL METHOD</u>
BUILD-2-T-18-011501-1 01/15/01 12:30	004			
C10-C11	460 J	500	mg/kg	SW846 8015B
C12-C13	330 J	500	mg/kg	SW846 8015B
C14-C15	410 J	500	mg/kg	SW846 8015B
C16-C17	620	500	mg/kg	SW846 8015B
C18-C19	870	500	mg/kg	SW846 8015B
C20-C23	1200	500	mg/kg	SW846 8015B
C24-C27	1400	500	mg/kg	SW846 8015B
C28-C31	1100	500	mg/kg	SW846 8015B
C32-C35	670	500	mg/kg	SW846 8015B
C36-C39	320 J	500	mg/kg	SW846 8015B
Total Carbon Chain Range	7600	500	mg/kg	SW846 8015B
C6-C8	320	40	mg/kg	SW846 8015B
Mercury	0.20	0.10	mg/kg	SW846 7471A
Aluminum	19100	20.0	mg/kg	SW846 6010B
Arsenic	3.7	1.0	mg/kg	SW846 6010B
Antimony	13.3	6.0	mg/kg	SW846 6010B
Barium	135	2.0	mg/kg	SW846 6010B
Cadmium	5.1	0.50	mg/kg	SW846 6010B
Chromium	1560	1.0	mg/kg	SW846 6010B
Beryllium	0.79	0.50	mg/kg	SW846 6010B
Lead	104	0.50	mg/kg	SW846 6010B
Silver	0.93 B	1.0	mg/kg	SW846 6010B
Cobalt	16.4	5.0	mg/kg	SW846 6010B
Copper	384	2.5	mg/kg	SW846 6010B
Molybdenum	38.5	4.0	mg/kg	SW846 6010B
Nickel	51.1	4.0	mg/kg	SW846 6010B
Vanadium	42.7	5.0	mg/kg	SW846 6010B
Zinc	204	2.0	mg/kg	SW846 6010B
n-Butylbenzene	1900 J	6200	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	110000	6200	ug/kg	SW846 8260B
p-Isopropyltoluene	18000	6200	ug/kg	SW846 8260B
Tetrachloroethene	45000	6200	ug/kg	SW846 8260B
Toluene	8000	6200	ug/kg	SW846 8260B
Trichloroethene	490000	6200	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	5500 J	6200	ug/kg	SW846 8260B

000006

BOE-C6-0153625

METHODS SUMMARY

E1A150166

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>	<u>PREPARATION METHOD</u>
Extractable Petroleum Hydrocarbons	SW846 8015B	SANA AUTO-SHAKE
Inductively Coupled Plasma (ICP) Metals	SW846 6010B	SW846 3050B
Mercury in Solid Waste (Manual Cold-Vapor)	SW846 7471A	SW846 7471A
Volatile Organics by GC/MS	SW846 8260B	SW846 5030
Volatile Petroleum Hydrocarbons	SW846 8015B	SW846
Volatile Petroleum Hydrocarbons	SW846 8015B	SW846 5030

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

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BOE-C6-0153626

SAMPLE SUMMARY

E1A150166

WO #	SAMPLE#	CLIENT SAMPLE ID	DATE	TIME
DTNNC	001	BUILD-2-X-11-010901-1	01/09/01	08:00
DTNND	002	BUILD-2-T-20-010901-1	01/09/01	10:20
DTNNE	003	BUILD-2-O-9-011001-1	01/10/01	10:30
DTNNF	004	BUILD-2-T-18-011501-1	01/15/01	12:30

NOTE (S) :

The analytical results of the samples listed above are presented on the following pages

- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity, pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

000008

BOE-C6-0153627

KENNEDY/JENKS CONSULTANTS

Client Sample ID: BUILD-2-X-11-010901-1

GC Semivolatiles

Lot-Sample #....: E1A150166-001 Work Order #....: DTNNC1AC Matrix.....: SOLID
 Date Sampled....: 01/09/01 08:00 Date Received...: 01/15/01 14:40 MS Run #.....: 1016231
 Prep Date.....: 01/16/01 Analysis Date...: 01/18/01
 Prep Batch #....: 1016386 Analysis Time...: 03:07
 Dilution Factor: 5
 Analyst ID.....: 356074 Instrument ID...: G01
 Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
C8-C9	ND	50	mg/kg	25
C10-C11	ND	50	mg/kg	25
C12-C13	ND	50	mg/kg	25
C14-C15	25 J	50	mg/kg	25
C16-C17	70	50	mg/kg	25
C18-C19	81	50	mg/kg	25
C20-C23	66	50	mg/kg	25
C24-C27	70	50	mg/kg	25
C28-C31	91	50	mg/kg	25
C32-C35	100	50	mg/kg	25
C36-C39	130	50	mg/kg	25
C40+	210	50	mg/kg	25
Total Carbon Chain Range	850	50	mg/kg	25
<hr/>		PERCENT	<hr/>	
<hr/>		RECOVERY	<hr/>	
SURROGATE	RECOVERY	LIMITS	<hr/>	
Benzo(a)pyrene	95	(60 - 130)	<hr/>	

NOTE(S) :

J Estimated result. Result is less than RL.

000009

BOE-C6-0153628

KENNEDY/JENKS CONSULTANTS

Client Sample ID: BUILD-2-X-11-010901-1

GC Volatiles

Lot-Sample #....: E1A150166-001 Work Order #....: DTNNC1AD Matrix.....: SOLID
Date Sampled....: 01/09/01 08:00 Date Received...: 01/15/01 14:40 MS Run #.....: 1023184
Prep Date.....: 01/17/01 Analysis Date...: 01/17/01
Prep Batch #....: 1023348 Analysis Time...: 15:55
Dilution Factor: 1
Analyst ID.....: 001464 Instrument ID...: G13
Method.....: SW846 8015B

PARAMETER	REPORTING			
	RESULT	LIMIT	UNITS	MDL
C6-C8	0.23 J,B	1.0	mg/kg	0.10
PERCENT				RECOVERY
SURROGATE	RECOVERY		LIMITS	
a,a,a-Trifluorotoluene (TFT)	79		(60 - 130)	

NOTE (S) :

- J Estimated result. Result is less than RL.
B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

000010

BOE-C6-0153629

KENNEDY/JENKS CONSULTANTS

Client Sample ID: BUILD-2-X-11-010901-1

GC/MS Volatiles

Lot-Sample #....: E1A150166-001 Work Order #....: DTNNC1AA Matrix.....: SOLID
 Date Sampled...: 01/09/01 08:00 Date Received...: 01/15/01 14:40 MS Run #.....: 1024069
 Prep Date.....: 01/23/01 Analysis Date...: 01/23/01
 Prep Batch #....: 1024198 Analysis Time...: 06:38
 Dilution Factor: 1
 Analyst ID.....: 015590 Instrument ID...: MSD
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromoform	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

(Continued on next page)

000011

KENNEDY/JENKS CONSULTANTS

Client Sample ID: BUILD-2-X-11-010901-1

GC/MS Volatiles

Lot-Sample #....: E1A150166-001 Work Order #....: DTNNC1AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
SURROGATE	RECOVERY	RECOVERY		
		LIMITS		
Bromofluorobenzene	100	(70 - 130)		
1,2-Dichloroethane-d4	96	(60 - 140)		
Toluene-d8	85	(70 - 130)		

000012

KENNEDY/JENKS CONSULTANTS

Client Sample ID: BUILD-2-T-20-010901-1

GC Semivolatiles

Lot-Sample #....: E1A150166-002 Work Order #....: DTNNND1AD Matrix.....: SOLID
 Date Sampled....: 01/09/01 10:20 Date Received...: 01/15/01 14:40 MS Run #.....: 1016231
 Prep Date.....: 01/16/01 Analysis Date...: 01/18/01
 Prep Batch #...: 1016386 Analysis Time...: 20:15
 Dilution Factor: 50
 Analyst ID.....: 356074 Instrument ID...: G01
 Method.....: SW846 8015B

PARAMETER	REPORTING			
	RESULT	LIMIT	UNITS	MDL
C8-C9	ND	500	mg/kg	250
C10-C11	ND	500	mg/kg	250
C12-C13	ND	500	mg/kg	250
C14-C15	520	500	mg/kg	250
C16-C17	650	500	mg/kg	250
C18-C19	680	500	mg/kg	250
C20-C23	930	500	mg/kg	250
C24-C27	3400	500	mg/kg	250
C28-C31	4900	500	mg/kg	250
C32-C35	5800	500	mg/kg	250
C36-C39	3200	500	mg/kg	250
C40+	3400	500	mg/kg	250
Total Carbon Chain Range	24000	500	mg/kg	250
SURROGATE	PERCENT		RECOVERY	
	RECOVERY		LIMITS	
Benzo(a)pyrene	0.0	SRD,*	(60 - 130)	

NOTE(S) :

SRD The surrogate recovery was not calculated because the extract was diluted beyond the ability to quantitate a recovery.

* Surrogate recovery is outside stated control limits.

000013

KENNEDY/JENKS CONSULTANTS

Client Sample ID: BUILD-2-T-20-010901-1

GC Volatiles

Lot-Sample #....: E1A150166-002 Work Order #....: DTNNND1AE Matrix.....: SOLID
 Date Sampled....: 01/09/01 10:20 Date Received...: 01/15/01 14:40 MS Run #.....: 1023184
 Prep Date.....: 01/17/01 Analysis Date...: 01/18/01
 Prep Batch #....: 1023348 Analysis Time...: 12:17
 Dilution Factor: 1
 Analyst ID.....: 001464 Instrument ID...: G13
 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>REPORTING</u>			
	<u>RESULT</u>	<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
C6-C8	2.0 B	1.0	mg/kg	0.10
SURROGATE	PERCENT	RECOVERY		
a,a,a-Trifluorotoluene (TFT)	RECOVERY	LIMITS		
	0.0 *	(60 - 130)		

NOTE(S) :

The surrogate recovery in the sample is outside control limits due to confirmed matrix effect.

* Surrogate recovery is outside stated control limits.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Re-analysis confirms matrix interference on surrogate.

Unknown hydrocarbon pattern.

000014

BOE-C6-0153633

KENNEDY/JENKS CONSULTANTS

Client Sample ID: BUILD-2-T-20-010901-1

GC/MS Volatiles

Lot-Sample #....: E1A150166-002 Work Order #....: DTNNND1AC Matrix.....: SOLID
 Date Sampled....: 01/09/01 10:20 Date Received...: 01/15/01 14:40 MS Run #.....: 1024069
 Prep Date.....: 01/23/01 Analysis Date...: 01/23/01
 Prep Batch #....: 1024198 Analysis Time...: 07:08
 Dilution Factor: 1
 Analyst ID.....: 015590 Instrument ID...: MSD
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	24 J	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	32	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	34	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromoform	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	70	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	12	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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000015

KENNEDY/JENKS CONSULTANTS

Client Sample ID: BUILD-2-T-20-010901-1

GC/MS Volatiles

Lot-Sample #...: E1A150166-002 Work Order #...: DTNNND1AC Matrix.....: SOLID

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	3.2 J	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	9.7	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	3.7 J	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>		
Bromofluorobenzene	114	(70 - 130)		
1,2-Dichloroethane-d4	96	(60 - 140)		
Toluene-d8	89	(70 - 130)		

NOTE(S) :

J Estimated result. Result is less than RL.

000016

KENNEDY/JENKS CONSULTANTS

Client Sample ID: BUILD-2-0-9-011001-1

GC Semivolatiles

Lot-Sample #....: E1A150166-003 Work Order #....: DTNNE1AD Matrix.....: SOLID
 Date Sampled....: 01/10/01 10:30 Date Received...: 01/15/01 14:40 MS Run #.....: 1016231
 Prep Date.....: 01/16/01 Analysis Date...: 01/18/01
 Prep Batch #....: 1016386 Analysis Time...: 19:45
 Dilution Factor: 1
 Analyst ID.....: 356074 Instrument ID...: G01
 Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	12	10	mg/kg	5.0
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS		
		(60 - 130)		
Benzo(a)pyrene	95			

000017

KENNEDY/JENKS CONSULTANTS

Client Sample ID: BUILD-2-O-9-011001-1

GC Volatiles

Lot-Sample #....: E1A150166-003 Work Order #....: DTNNE1AE Matrix.....: SOLID
Date Sampled....: 01/10/01 10:30 Date Received...: 01/15/01 14:40 MS Run #.....: 1023184
Prep Date.....: 01/17/01 Analysis Date...: 01/17/01
Prep Batch #....: 1023348 Analysis Time...: 16:22
Dilution Factor: 1
Analyst ID.....: 001464 Instrument ID...: G13
Method.....: SW846 8015B

PARAMETER	REPORTING			
	RESULT	LIMIT	UNITS	MDL
C6-C8	0.23 J,B	1.0	mg/kg	0.10
PERCENT				RECOVERY
RECOVERY				LIMITS
SURROGATE a,a,a-Trifluorotoluene (TFT)	81 (60 - 130)			

NOTE(S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

000018

BOE-C6-0153637

KENNEDY/JENKS CONSULTANTS

Client Sample ID: BUILD-2-0-9-011001-1

GC/MS Volatiles

Lot-Sample #....: E1A150166-003 Work Order #....: DTNNNE1AC Matrix.....: SOLID
 Date Sampled....: 01/10/01 10:30 Date Received...: 01/15/01 14:40 MS Run #.....: 1024069
 Prep Date.....: 01/23/01 Analysis Date...: 01/23/01
 Prep Batch #....: 1024198 Analysis Time...: 07:39
 Dilution Factor: 1
 Analyst ID.....: 015590 Instrument ID...: MSD
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	20 J	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromoform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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000019

KENNEDY/JENKS CONSULTANTS

Client Sample ID: BUILD-2-O-9-011001-1

GC/MS Volatiles

Lot-Sample #....: E1A150166-003 Work Order #....: DTNN1AC Matrix.....: SOLID

<u>PARAMETER</u>	<u>RESULT</u>	REPORTING		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	RECOVERY		
		<u>LIMITS</u>		
Bromofluorobenzene	98	(70 - 130)		
1,2-Dichloroethane-d4	88	(60 - 140)		
Toluene-d8	89	(70 - 130)		

NOTE(S) :

J Estimated result. Result is less than RL.

000020

KENNEDY/JENKS CONSULTANTS

Client Sample ID: BUILD-2-T-18-011501-1

GC Semivolatiles

Lot-Sample #....: E1A150166-004 Work Order #....: DTNNF1AD Matrix.....: SOLID
 Date Sampled...: 01/15/01 12:30 Date Received...: 01/15/01 14:40 MS Run #.....: 1016231
 Prep Date.....: 01/16/01 Analysis Date...: 01/18/01
 Prep Batch #....: 1016386 Analysis Time...: 20:45
 Dilution Factor: 50
 Analyst ID.....: 356074 Instrument ID...: G01
 Method.....: SW846 8015B

PARAMETER	REPORTING			
	RESULT	LIMIT	UNITS	MDL
C8-C9	ND	500	mg/kg	250
C10-C11	460 J	500	mg/kg	250
C12-C13	330 J	500	mg/kg	250
C14-C15	410 J	500	mg/kg	250
C16-C17	620	500	mg/kg	250
C18-C19	870	500	mg/kg	250
C20-C23	1200	500	mg/kg	250
C24-C27	1400	500	mg/kg	250
C28-C31	1100	500	mg/kg	250
C32-C35	670	500	mg/kg	250
C36-C39	320 J	500	mg/kg	250
C40+	ND	500	mg/kg	250
Total Carbon Chain Range	7600	500	mg/kg	250

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Benzo(a)pyrene	0.0 SRD, *	(60 - 130)

NOTE (S) :

SRD The surrogate recovery was not calculated because the extract was diluted beyond the ability to quantitate a recovery.

* Surrogate recovery is outside stated control limits.

J Estimated result. Result is less than RL.

000021

KENNEDY/JENKS CONSULTANTS

Client Sample ID: BUILD-2-T-18-011501-1

GC Volatiles

Lot-Sample #....: E1A150166-004 Work Order #....: DTNNF1AE Matrix.....: SOLID
Date Sampled...: 01/15/01 12:30 Date Received...: 01/15/01 14:40 MS Run #.....:
Prep Date.....: 01/18/01 Analysis Date...: 01/18/01
Prep Batch #....: 1023350 Analysis Time...: 12:44
Dilution Factor: 4
Analyst ID.....: 001464 Instrument ID...: G13
Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
C6-C8	320	40	mg/kg	24
SURROGATE	PERCENT RECOVERY	RECOVERY		
	313 *	LIMITS (60 - 130)		

NOTE(S) :

* Surrogate recovery is outside stated control limits.

Unknown hydrocarbon pattern: matrix interference with TFT.

000022

BOE-C6-0153641

KENNEDY/JENKS CONSULTANTS

Client Sample ID: BUILD-2-T-18-011501-1

GC/MS Volatiles

Lot-Sample #....: E1A150166-004 Work Order #....: DTNNF1AC Matrix.....: SOLID
 Date Sampled...: 01/15/01 12:30 Date Received...: 01/15/01 14:40 MS Run #.....: 1024197
 Prep Date.....: 01/24/01 Analysis Date...: 01/24/01
 Prep Batch #....: 1024408 Analysis Time...: 09:23
 Dilution Factor: 25
 Analyst ID.....: 999998 Instrument ID...: MSD
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Acetone	ND	31000	ug/kg	10000
Acrolein	ND	120000	ug/kg	50000
Acrylonitrile	ND	62000	ug/kg	50000
Benzene	ND	6200	ug/kg	2500
Bromobenzene	ND	6200	ug/kg	1800
Bromochloromethane	ND	6200	ug/kg	1900
Bromodichloromethane	ND	6200	ug/kg	2500
Bromoform	ND	6200	ug/kg	2500
Bromomethane	ND	12000	ug/kg	6200
2-Butanone	ND	31000	ug/kg	12000
n-Butylbenzene	1900 J	6200	ug/kg	1800
sec-Butylbenzene	ND	6200	ug/kg	1800
tert-Butylbenzene	ND	6200	ug/kg	1800
Carbon disulfide	ND	6200	ug/kg	2500
Carbon tetrachloride	ND	6200	ug/kg	1500
Chlorobenzene	ND	6200	ug/kg	2500
Dibromochloromethane	ND	6200	ug/kg	2500
1,2-Dibromo-3-chloro-propane	ND	12000	ug/kg	3800
Chloroethane	ND	12000	ug/kg	6200
2-Chloroethyl vinyl ether	ND	12000	ug/kg	6200
Chloroform	ND	6200	ug/kg	1800
Chloromethane	ND	12000	ug/kg	5000
2-Chlorotoluene	ND	6200	ug/kg	1800
4-Chlorotoluene	ND	6200	ug/kg	1800
1,2-Dibromoethane	ND	6200	ug/kg	1800
1,2-Dichlorobenzene	ND	6200	ug/kg	2500
1,3-Dichlorobenzene	ND	6200	ug/kg	1800
1,4-Dichlorobenzene	ND	6200	ug/kg	2500
Dichlorodifluoromethane	ND	12000	ug/kg	4200
1,1-Dichloroethane	ND	6200	ug/kg	2500
1,2-Dichloroethane	ND	6200	ug/kg	1800
1,1-Dichloroethene	ND	6200	ug/kg	3000
cis-1,2-Dichloroethene	110000	6200	ug/kg	2500
trans-1,2-Dichloroethene	ND	6200	ug/kg	3000
1,2-Dichloropropane	ND	6200	ug/kg	2500
2,2-Dichloropropane	ND	6200	ug/kg	1500

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000023

KENNEDY/JENKS CONSULTANTS

Client Sample ID: BUILD-2-T-18-011501-1

GC/MS Volatiles

Lot-Sample #....: E1A150166-004 Work Order #....: DTNNF1AC Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	6200	ug/kg	2500
cis-1,3-Dichloropropene	ND	6200	ug/kg	2500
trans-1,3-Dichloropropene	ND	6200	ug/kg	1800
Ethylbenzene	ND	6200	ug/kg	1800
Trichlorofluoromethane	ND	12000	ug/kg	1800
Hexachlorobutadiene	ND	6200	ug/kg	1800
2-Hexanone	ND	31000	ug/kg	7500
Iodomethane	ND	12000	ug/kg	6200
Isopropylbenzene	ND	6200	ug/kg	3000
p-Isopropyltoluene	18000	6200	ug/kg	1800
Methylene chloride	ND	6200	ug/kg	1200
4-Methyl-2-pentanone	ND	31000	ug/kg	10000
n-Propylbenzene	ND	6200	ug/kg	2800
Styrene	ND	12000	ug/kg	2500
1,1,1,2-Tetrachloroethane	ND	6200	ug/kg	1200
1,1,2,2-Tetrachloroethane	ND	6200	ug/kg	2500
Tetrachloroethene	45000	6200	ug/kg	2000
Tetrahydrofuran	ND	25000	ug/kg	12000
Toluene	8000	6200	ug/kg	1500
1,2,3-Trichlorobenzene	ND	6200	ug/kg	1800
1,2,4-Trichloro- benzene	ND	6200	ug/kg	1800
1,1,1-Trichloroethane	ND	6200	ug/kg	1800
1,1,2-Trichloroethane	ND	6200	ug/kg	2500
Trichloroethene	490000	6200	ug/kg	1500
1,2,3-Trichloropropane	ND	6200	ug/kg	2800
1,2,4-Trimethylbenzene	5500 J	6200	ug/kg	1800
1,3,5-Trimethylbenzene	ND	6200	ug/kg	3000
Vinyl acetate	ND	12000	ug/kg	6200
Vinyl chloride	ND	12000	ug/kg	3800
Xylenes (total)	ND	6200	ug/kg	4200
Methyl tert-butyl ether	ND	6200	ug/kg	2500
SURROGATE	PERCENT RECOVERY	RECOVERY		
		LIMITS		
Bromofluorobenzene	0.0 SRD, NC	(60 - 140)		
1,2-Dichloroethane-d4	0.0 SRD, NC	(60 - 140)		
Toluene-d8	0.0 SRD, NC	(60 - 140)		

NOTE (S) :

SRD The surrogate recovery was not calculated because the extract was diluted beyond the ability to quantitate a recovery.

NC The recovery and/or RPD were not calculated.

J Estimated result. Result is less than RL.

000024

KENNEDY/JENKS CONSULTANTS

Client Sample ID: BUILD-2-X-11-010901-1

TOTAL Metals

Lot-Sample #....:	E1A150166-001			Matrix.....:	SOLID
Date Sampled....:	01/09/01 08:00 Date Received...:			01/15/01 14:40	
PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE WORK ORDER #
Prep Batch #....:	1016312				
Aluminum	19200	20.0	mg/kg	SW846 6010B	01/16-01/17/01 DTNNC1AE
		Dilution Factor: 1		Analysis Time...: 20:25	Analyst ID.....: 0031196
		Instrument ID...: M01		MS Run #.....: 1016166	MDL.....: 8.0
Arsenic	3.0	1.0	mg/kg	SW846 6010B	01/16-01/17/01 DTNNC1AF
		Dilution Factor: 1		Analysis Time...: 20:25	Analyst ID.....: 0031196
		Instrument ID...: M01		MS Run #.....: 1016166	MDL.....: 0.40
Antimony	1.1 B	6.0	mg/kg	SW846 6010B	01/16-01/17/01 DTNNC1AG
		Dilution Factor: 1		Analysis Time...: 20:25	Analyst ID.....: 0031196
		Instrument ID...: M01		MS Run #.....: 1016166	MDL.....: 0.20
Barium	148	2.0	mg/kg	SW846 6010B	01/16-01/17/01 DTNNC1AH
		Dilution Factor: 1		Analysis Time...: 20:25	Analyst ID.....: 0031196
		Instrument ID...: M01		MS Run #.....: 1016166	MDL.....: 0.10
Cadmium	2.1	0.50	mg/kg	SW846 6010B	01/16-01/17/01 DTNNC1AJ
		Dilution Factor: 1		Analysis Time...: 20:25	Analyst ID.....: 0031196
		Instrument ID...: M01		MS Run #.....: 1016166	MDL.....: 0.050
Chromium	66.0	1.0	mg/kg	SW846 6010B	01/16-01/17/01 DTNNC1AK
		Dilution Factor: 1		Analysis Time...: 20:25	Analyst ID.....: 0031196
		Instrument ID...: M01		MS Run #.....: 1016166	MDL.....: 0.10
Beryllium	0.64	0.50	mg/kg	SW846 6010B	01/16-01/17/01 DTNNC1AL
		Dilution Factor: 1		Analysis Time...: 20:25	Analyst ID.....: 0031196
		Instrument ID...: M01		MS Run #.....: 1016166	MDL.....: 0.050
Lead	8.6	0.50	mg/kg	SW846 6010B	01/16-01/17/01 DTNNC1AM
		Dilution Factor: 1		Analysis Time...: 20:25	Analyst ID.....: 0031196
		Instrument ID...: M01		MS Run #.....: 1016166	MDL.....: 0.30
Selenium	ND	0.50	mg/kg	SW846 6010B	01/16-01/17/01 DTNNC1AN
		Dilution Factor: 1		Analysis Time...: 20:25	Analyst ID.....: 0031196
		Instrument ID...: M01		MS Run #.....: 1016166	MDL.....: 0.40

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000025

KENNEDY/JENKS CONSULTANTS

Client Sample ID: BUILD-2-X-11-010901-1

TOTAL Metals

Lot-Sample #....: E1A150166-001

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
		LIMIT	UNITS				
Silver	ND	1.0	mg/kg		SW846 6010B	01/16-01/17/01	DTNNC1AP
		Dilution Factor: 1			Analysis Time...: 20:25		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 1016166		MDL.....: 0.10
Cobalt	8.6	5.0	mg/kg		SW846 6010B	01/16-01/17/01	DTNNC1AQ
		Dilution Factor: 1			Analysis Time...: 20:25		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 1016166		MDL.....: 0.10
Copper	23.5	2.5	mg/kg		SW846 6010B	01/16-01/17/01	DTNNC1AR
		Dilution Factor: 1			Analysis Time...: 20:25		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 1016166		MDL.....: 0.40
Molybdenum	1.4 B	4.0	mg/kg		SW846 6010B	01/16-01/17/01	DTNNC1AT
		Dilution Factor: 1			Analysis Time...: 20:25		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 1016166		MDL.....: 0.30
Nickel	20.0	4.0	mg/kg		SW846 6010B	01/16-01/17/01	DTNNC1AU
		Dilution Factor: 1			Analysis Time...: 20:25		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 1016166		MDL.....: 0.30
Thallium	ND	1.0	mg/kg		SW846 6010B	01/16-01/17/01	DTNNC1AV
		Dilution Factor: 1			Analysis Time...: 20:25		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 1016166		MDL.....: 0.50
Vanadium	43.3	5.0	mg/kg		SW846 6010B	01/16-01/17/01	DTNNC1AW
		Dilution Factor: 1			Analysis Time...: 20:25		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 1016166		MDL.....: 0.10
Zinc	649	4.0	mg/kg		SW846 6010B	01/16-01/18/01	DTNNC1AX
		Dilution Factor: 2			Analysis Time...: 22:34		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 1016166		MDL.....: 2.0
Prep Batch #....:	1016320						
Mercury	0.038 B	0.10	mg/kg		SW846 7471A	01/16-01/17/01	DTNNC1A0
		Dilution Factor: 1			Analysis Time...: 15:26		Analyst ID.....: 0210886
		Instrument ID...: M04			MS Run #.....: 1016171		MDL.....: 0.020

NOTE (S) :

B Estimated result. Result is less than RL.

000026

BOE-C6-0153645

KENNEDY/JENKS CONSULTANTS

Client Sample ID: BUILD-2-T-20-010901-1

TOTAL Metals

Lot Sample #: E1A150166-002 Matrix.....: SOLID
Date Sampled...: 01/09/01 10:20 Date Received..: 01/15/01 14:40

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #....: 1016312						
Aluminum	24200	20.0	mg/kg	SW846 6010B	01/16-01/17/01	DTNND1AF
		Dilution Factor: 1		Analysis Time..: 20:33	Analyst ID.....:	003119
		Instrument ID...: M01		MS Run #.....: 1016166	MDL.....:	8.0
Arsenic	3.3	1.0	mg/kg	SW846 6010B	01/16-01/17/01	DTNND1AG
		Dilution Factor: 1		Analysis Time..: 20:33	Analyst ID.....:	0031196
		Instrument ID...: M01		MS Run #.....: 1016166	MDL.....:	0.40
Antimony	2.0 B	6.0	mg/kg	SW846 6010B	01/16-01/17/01	DTNND1AH
		Dilution Factor: 1		Analysis Time..: 20:33	Analyst ID.....:	0031196
		Instrument ID...: M01		MS Run #.....: 1016166	MDL.....:	0.20
Barium	124	2.0	mg/kg	SW846 6010B	01/16-01/17/01	DTNND1AJ
		Dilution Factor: 1		Analysis Time..: 20:33	Analyst ID.....:	0031196
		Instrument ID...: M01		MS Run #.....: 1016166	MDL.....:	0.10
Cadmium	20.8	0.50	mg/kg	SW846 6010B	01/16-01/17/01	DTNND1AK
		Dilution Factor: 1		Analysis Time..: 20:33	Analyst ID.....:	0031196
		Instrument ID...: M01		MS Run #.....: 1016166	MDL.....:	0.050
Chromium	158	1.0	mg/kg	SW846 6010B	01/16-01/17/01	DTNND1AL
		Dilution Factor: 1		Analysis Time..: 20:33	Analyst ID.....:	0031196
		Instrument ID...: M01		MS Run #.....: 1016166	MDL.....:	0.10
Beryllium	0.70	0.50	mg/kg	SW846 6010B	01/16-01/17/01	DTNND1AM
		Dilution Factor: 1		Analysis Time..: 20:33	Analyst ID.....:	0031196
		Instrument ID...: M01		MS Run #.....: 1016166	MDL.....:	0.050
Lead	51.5	0.50	mg/kg	SW846 6010B	01/16-01/17/01	DTNND1AN
		Dilution Factor: 1		Analysis Time..: 20:33	Analyst ID.....:	0031196
		Instrument ID...: M01		MS Run #.....: 1016166	MDL.....:	0.30
Selenium	ND	0.50	mg/kg	SW846 6010B	01/16-01/17/01	DTNND1AP
		Dilution Factor: 1		Analysis Time..: 20:33	Analyst ID.....:	0031196
		Instrument ID...: M01		MS Run #.....: 1016166	MDL.....:	0.40

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000027

KENNEDY/JENKS CONSULTANTS

Client Sample ID: BUILD-2-T-20-010901-1

TOTAL Metals

Lot-Sample #....: E1A150166-002

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
		LIMIT	UNITS				
Silver	ND	1.0	mg/kg		SW846 6010B	01/16-01/17/01	DTNNND1AQ
		Dilution Factor: 1			Analysis Time...: 20:33	Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 1016166	MDL.....: 0.10	
Cobalt	10.0	5.0	mg/kg		SW846 6010B	01/16-01/17/01	DTNNND1AR
		Dilution Factor: 1			Analysis Time...: 20:33	Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 1016166	MDL.....: 0.10	
Copper	27.7	2.5	mg/kg		SW846 6010B	01/16-01/17/01	DTNNND1AT
		Dilution Factor: 1			Analysis Time...: 20:33	Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 1016166	MDL.....: 0.40	
Molybdenum	2.0 B	4.0	mg/kg		SW846 6010B	01/16-01/17/01	DTNNND1AU
		Dilution Factor: 1			Analysis Time...: 20:33	Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 1016166	MDL.....: 0.30	
Nickel	22.4	4.0	mg/kg		SW846 6010B	01/16-01/17/01	DTNNND1AV
		Dilution Factor: 1			Analysis Time...: 20:33	Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 1016166	MDL.....: 0.30	
Thallium	0.59 B	1.0	mg/kg		SW846 6010B	01/16-01/17/01	DTNNND1AW
		Dilution Factor: 1			Analysis Time...: 20:33	Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 1016166	MDL.....: 0.50	
Vanadium	48.7	5.0	mg/kg		SW846 6010B	01/16-01/17/01	DTNNND1AX
		Dilution Factor: 1			Analysis Time...: 20:33	Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 1016166	MDL.....: 0.10	
Zinc	216	2.0	mg/kg		SW846 6010B	01/16-01/17/01	DTNNND1AO
		Dilution Factor: 1			Analysis Time...: 20:33	Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 1016166	MDL.....: 1.0	
Prep Batch #....:	1016320						
Mercury	0.027 B	0.10	mg/kg		SW846 7471A	01/16-01/17/01	DTNNND1AA
		Dilution Factor: 1			Analysis Time...: 18:12	Analyst ID.....: 0210886	
		Instrument ID...: M04			MS Run #.....: 1016171	MDL.....: 0.020	

NOTE(S) :

B Estimated result. Result is less than RL.

000028

BOE-C6-0153647

KENNEDY/JENKS CONSULTANTS

Client Sample ID: BUILD-2-O-9-011001-1

TOTAL Metals

Lot-Sample #....:	E1A150166-003			Matrix.....:	SOLID
Date Sampled....:	01/10/01 10:30 Date Received...:			01/15/01 14:40	
PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE WORK ORDER #
Prep Batch #....:	1016312				
Aluminum	14700	20.0	mg/kg	SW846 6010B	01/16-01/17/01 DTNNE1AF
		Dilution Factor: 1		Analysis Time...: 20:41	Analyst ID.....: 003119
		Instrument ID...: M01		MS Run #.....: 1016166	MDL.....: 8.0
Arsenic	2.3	1.0	mg/kg	SW846 6010B	01/16-01/17/01 DTNNE1AG
		Dilution Factor: 1		Analysis Time...: 20:41	Analyst ID.....: 0031196
		Instrument ID...: M01		MS Run #.....: 1016166	MDL.....: 0.40
Antimony	0.36 B	6.0	mg/kg	SW846 6010B	01/16-01/17/01 DTNNE1AH
		Dilution Factor: 1		Analysis Time...: 20:41	Analyst ID.....: 0031196
		Instrument ID...: M01		MS Run #.....: 1016166	MDL.....: 0.20
Barium	113	2.0	mg/kg	SW846 6010B	01/16-01/17/01 DTNNE1AJ
		Dilution Factor: 1		Analysis Time...: 20:41	Analyst ID.....: 0031196
		Instrument ID...: M01		MS Run #.....: 1016166	MDL.....: 0.10
Cadmium	ND	0.50	mg/kg	SW846 6010B	01/16-01/17/01 DTNNE1AK
		Dilution Factor: 1		Analysis Time...: 20:41	Analyst ID.....: 0031196
		Instrument ID...: M01		MS Run #.....: 1016166	MDL.....: 0.050
Chromium	18.3	1.0	mg/kg	SW846 6010B	01/16-01/17/01 DTNNE1AL
		Dilution Factor: 1		Analysis Time...: 20:41	Analyst ID.....: 0031196
		Instrument ID...: M01		MS Run #.....: 1016166	MDL.....: 0.10
Beryllium	0.48 B	0.50	mg/kg	SW846 6010B	01/16-01/17/01 DTNNE1AM
		Dilution Factor: 1		Analysis Time...: 20:41	Analyst ID.....: 0031196
		Instrument ID...: M01		MS Run #.....: 1016166	MDL.....: 0.050
Lead	6.7	0.50	mg/kg	SW846 6010B	01/16-01/17/01 DTNNE1AN
		Dilution Factor: 1		Analysis Time...: 20:41	Analyst ID.....: 0031196
		Instrument ID...: M01		MS Run #.....: 1016166	MDL.....: 0.30
Selenium	ND	0.50	mg/kg	SW846 6010B	01/16-01/17/01 DTNNE1AP
		Dilution Factor: 1		Analysis Time...: 20:41	Analyst ID.....: 0031196
		Instrument ID...: M01		MS Run #.....: 1016166	MDL.....: 0.40

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000029

KENNEDY/JENKS CONSULTANTS

Client Sample ID: BUILD-2-O-9-011001-1

TOTAL Metals

Lot-Sample #....: E1A150166-003

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
		LIMIT	UNITS				
Silver	ND	1.0	mg/kg		SW846 6010B	01/16-01/17/01	DTNNE1AQ
		Dilution Factor: 1			Analysis Time...: 20:41		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 1016166		MDL.....: 0.10
Cobalt	8.4	5.0	mg/kg		SW846 6010B	01/16-01/17/01	DTNNE1AR
		Dilution Factor: 1			Analysis Time...: 20:41		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 1016166		MDL.....: 0.10
Copper	75.5	2.5	mg/kg		SW846 6010B	01/16-01/17/01	DTNNE1AT
		Dilution Factor: 1			Analysis Time...: 20:41		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 1016166		MDL.....: 0.40
Molybdenum	0.90 B	4.0	mg/kg		SW846 6010B	01/16-01/17/01	DTNNE1AU
		Dilution Factor: 1			Analysis Time...: 20:41		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 1016166		MDL.....: 0.30
Nickel	12.3	4.0	mg/kg		SW846 6010B	01/16-01/17/01	DTNNE1AV
		Dilution Factor: 1			Analysis Time...: 20:41		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 1016166		MDL.....: 0.30
Thallium	ND	1.0	mg/kg		SW846 6010B	01/16-01/17/01	DTNNE1AW
		Dilution Factor: 1			Analysis Time...: 20:41		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 1016166		MDL.....: 0.50
Vanadium	33.2	5.0	mg/kg		SW846 6010B	01/16-01/17/01	DTNNE1AX
		Dilution Factor: 1			Analysis Time...: 20:41		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 1016166		MDL.....: 0.10
Zinc	64.5	2.0	mg/kg		SW846 6010B	01/16-01/17/01	DTNNE1AO
		Dilution Factor: 1			Analysis Time...: 20:41		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 1016166		MDL.....: 1.0
Prep Batch #....:	1016320						
Mercury	0.031 B	0.10	mg/kg		SW846 7471A	01/16-01/17/01	DTNNE1AA
		Dilution Factor: 1			Analysis Time...: 15:36		Analyst ID.....: 0210886
		Instrument ID...: M04			MS Run #.....: 1016171		MDL.....: 0.020

NOTE (S) :

B Estimated result. Result is less than RL.

000030

KENNEDY/JENKS CONSULTANTS

Client Sample ID: BUILD-2-T-18-011501-1

TOTAL Metals

Lot-Sample #....: E1A150166-004
 Date Sampled...: 01/15/01 12:30 Date Received..: 01/15/01 14:40 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
		LIMIT	UNITS				
Prep Batch #....: 1016312							
Aluminum	19100	20.0	mg/kg	SW846 6010B		01/16-01/17/01 DTNNF1AF	
		Dilution Factor: 1		Analysis Time...: 20:49	Analyst ID.....: 003119		
		Instrument ID...: M01		MS Run #.....: 1016166	MDL.....: 8.0		
Arsenic	3.7	1.0	mg/kg	SW846 6010B		01/16-01/17/01 DTNNF1AG	
		Dilution Factor: 1		Analysis Time...: 20:49	Analyst ID.....: 0031196		
		Instrument ID...: M01		MS Run #.....: 1016166	MDL.....: 0.40		
Antimony	13.3	6.0	mg/kg	SW846 6010B		01/16-01/17/01 DTNNF1AH	
		Dilution Factor: 1		Analysis Time...: 20:49	Analyst ID.....: 0031196		
		Instrument ID...: M01		MS Run #.....: 1016166	MDL.....: 0.20		
Barium	135	2.0	mg/kg	SW846 6010B		01/16-01/17/01 DTNNF1AJ	
		Dilution Factor: 1		Analysis Time...: 20:49	Analyst ID.....: 0031196		
		Instrument ID...: M01		MS Run #.....: 1016166	MDL.....: 0.10		
Cadmium	5.1	0.50	mg/kg	SW846 6010B		01/16-01/17/01 DTNNF1AK	
		Dilution Factor: 1		Analysis Time...: 20:49	Analyst ID.....: 0031196		
		Instrument ID...: M01		MS Run #.....: 1016166	MDL.....: 0.050		
Chromium	1560	1.0	mg/kg	SW846 6010B		01/16-01/17/01 DTNNF1AL	
		Dilution Factor: 1		Analysis Time...: 20:49	Analyst ID.....: 0031196		
		Instrument ID...: M01		MS Run #.....: 1016166	MDL.....: 0.10		
Beryllium	0.79	0.50	mg/kg	SW846 6010B		01/16-01/17/01 DTNNF1AM	
		Dilution Factor: 1		Analysis Time...: 20:49	Analyst ID.....: 0031196		
		Instrument ID...: M01		MS Run #.....: 1016166	MDL.....: 0.050		
Lead	104	0.50	mg/kg	SW846 6010B		01/16-01/17/01 DTNNF1AN	
		Dilution Factor: 1		Analysis Time...: 20:49	Analyst ID.....: 0031196		
		Instrument ID...: M01		MS Run #.....: 1016166	MDL.....: 0.30		
Selenium	ND	0.50	mg/kg	SW846 6010B		01/16-01/17/01 DTNNF1AP	
		Dilution Factor: 1		Analysis Time...: 20:49	Analyst ID.....: 0031196		
		Instrument ID...: M01		MS Run #.....: 1016166	MDL.....: 0.40		

(Continued on next page)

000031

KENNEDY/JENKS CONSULTANTS

Client Sample ID: BUILD-2-T-18-011501-1

TOTAL Metals

Lot-Sample #...: E1A150166-004

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
		LIMIT	UNITS				
Silver	0.93 B	1.0	mg/kg		SW846 6010B	01/16-01/17/01	DTNNF1AQ
		Dilution Factor: 1			Analysis Time...: 20:49		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 1016166		MDL.....: 0.10
Cobalt	16.4	5.0	mg/kg		SW846 6010B	01/16-01/17/01	DTNNF1AR
		Dilution Factor: 1			Analysis Time...: 20:49		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 1016166		MDL.....: 0.10
Copper	384	2.5	mg/kg		SW846 6010B	01/16-01/17/01	DTNNF1AT
		Dilution Factor: 1			Analysis Time...: 20:49		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 1016166		MDL.....: 0.40
Molybdenum	38.5	4.0	mg/kg		SW846 6010B	01/16-01/17/01	DTNNF1AU
		Dilution Factor: 1			Analysis Time...: 20:49		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 1016166		MDL.....: 0.30
Nickel	51.1	4.0	mg/kg		SW846 6010B	01/16-01/17/01	DTNNF1AV
		Dilution Factor: 1			Analysis Time...: 20:49		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 1016166		MDL.....: 0.30
Thallium	ND	1.0	mg/kg		SW846 6010B	01/16-01/17/01	DTNNF1AW
		Dilution Factor: 1			Analysis Time...: 20:49		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 1016166		MDL.....: 0.50
Vanadium	42.7	5.0	mg/kg		SW846 6010B	01/16-01/17/01	DTNNF1AX
		Dilution Factor: 1			Analysis Time...: 20:49		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 1016166		MDL.....: 0.10
Zinc	204	2.0	mg/kg		SW846 6010B	01/16-01/17/01	DTNNF1AO
		Dilution Factor: 1			Analysis Time...: 20:49		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 1016166		MDL.....: 1.0
Prep Batch #...: 1016320							
Mercury	0.20	0.10	mg/kg		SW846 7471A	01/16-01/17/01	DTNNF1AA
		Dilution Factor: 1			Analysis Time...: 15:38		Analyst ID.....: 0210886
		Instrument ID...: M04			MS Run #.....: 1016171		MDL.....: 0.020

NOTE(S) :

B Estimated result. Result is less than RL.

000032

BOE-C6-0153651

QC DATA ASSOCIATION SUMMARY

E1A150166

Sample Preparation and Analysis Control Numbers

<u>SAMPLE#</u>	<u>MATRIX</u>	<u>ANALYTICAL METHOD</u>	<u>LEACH BATCH #</u>	<u>PREP BATCH #</u>	<u>MS RUN#</u>
001	SOLID	SW846 8015B		1016386	1016231
	SOLID	SW846 8015B		1023348	1023184
	SOLID	SW846 7471A		1016320	1016171
	SOLID	SW846 8260B		1024198	1024069
	SOLID	SW846 6010B		1016312	1016166
002	SOLID	SW846 8015B		1016386	1016231
	SOLID	SW846 8015B		1023348	1023184
	SOLID	SW846 7471A		1016320	1016171
	SOLID	SW846 8260B		1024198	1024069
	SOLID	SW846 6010B		1016312	1016166
003	SOLID	SW846 8015B		1016386	1016231
	SOLID	SW846 8015B		1023348	1023184
	SOLID	SW846 7471A		1016320	1016171
	SOLID	SW846 8260B		1024198	1024069
	SOLID	SW846 6010B		1016312	1016166
004	SOLID	SW846 8015B		1016386	1016231
	SOLID	SW846 8015B		1023350	
	SOLID	SW846 7471A		1016320	1016171
	SOLID	SW846 8260B		1024408	1024197
	SOLID	SW846 6010B		1016312	1016166

000033

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #....: E1A150166
MB Lot-Sample #: E1A160000-386
Analysis Date..: 01/18/01
Dilution Factor: 1

Work Order #....: DTPRX1AA
Prep Date.....: 01/16/01
Prep Batch #....: 1016386
Analyst ID.....: 356074

Matrix.....: SOLID
Analysis Time...: 19:27
Instrument ID...: G02

PARAMETER	REPORTING			
	RESULT	LIMIT	UNITS	METHOD
C8-C9	ND	10	mg/kg	SW846 8015B
C10-C11	ND	10	mg/kg	SW846 8015B
C12-C13	ND	10	mg/kg	SW846 8015B
C14-C15	ND	10	mg/kg	SW846 8015B
C16-C17	ND	10	mg/kg	SW846 8015B
C18-C19	ND	10	mg/kg	SW846 8015B
C20-C23	ND	10	mg/kg	SW846 8015B
C24-C27	ND	10	mg/kg	SW846 8015B
C28-C31	ND	10	mg/kg	SW846 8015B
C32-C35	ND	10	mg/kg	SW846 8015B
C36-C39	ND	10	mg/kg	SW846 8015B
C40+	ND	10	mg/kg	SW846 8015B
Total Carbon Chain Range	ND	10	mg/kg	SW846 8015B

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Benzo (a) pyrene	94	(60 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

000034

BOE-C6-0153653

METHOD BLANK REPORT

GC Volatiles

Client Lot #....: E1A150166
MB Lot-Sample #: E1A230000-348
Analysis Date..: 01/17/01
Dilution Factor: 1

Work Order #....: DT2EG1AA
Prep Date.....: 01/17/01
Prep Batch #....: 1023348
Analyst ID.....: 001464

Matrix.....: SOLID
Analysis Time...: 15:27
Instrument ID...: G13

PARAMETER	RESULT	REPORTING		METHOD	
		LIMIT	UNITS		
C6-C8	0.17 J	1.0	mg/kg	SW846 8015B	
SURROGATE	PERCENT		RECOVERY		
a,a,a-Trifluorotoluene (TFT)	RECOVERY		LIMITS		
	77		(60 - 130)		

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

000035

METHOD BLANK REPORT

GC Volatiles

Client Lot #....: E1A150166
MB Lot-Sample #: E1A230000-350
Analysis Date...: 01/17/01
Dilution Factor: 1

Work Order #....: DT2EJ1AA
Prep Date.....: 01/17/01
Prep Batch #....: 1023350
Analyst ID.....: 001464

Matrix.....: SOLID
Analysis Time..: 19:34
Instrument ID..: G13

PARAMETER	REPORTING			METHOD
	RESULT	LIMIT	UNITS	
C6 - C8	ND	10	mg/kg	SW846 8015B
SURROGATE	RECOVERY			
a, a, a-Trifluorotoluene (TFT)	PERCENT RECOVERY	LIMITS	(60 - 130)	
	79			

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

000036

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #....: E1A150166
 MB Lot-Sample #: E1A240000-198
 Analysis Date...: 01/22/01
 Dilution Factor: 1

Work Order #....: DT3A31AA
 Prep Date.....: 01/22/01
 Prep Batch #....: 1024198
 Analyst ID.....: 015590

Matrix.....: SOLID

Analysis Time..: 21:50
 Instrument ID..: MSD

<u>PARAMETER</u>	<u>RESULT</u>	REPORTING		
		<u>LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>
Dichlorodifluoromethane	ND	10	ug/kg	SW846 8260B
Chloromethane	ND	10	ug/kg	SW846 8260B
Vinyl chloride	ND	10	ug/kg	SW846 8260B
Bromomethane	ND	10	ug/kg	SW846 8260B
Chloroethane	ND	10	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	10	ug/kg	SW846 8260B
Acrolein	ND	100	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
Iodomethane	ND	10	ug/kg	SW846 8260B
Acetone	ND	25	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
Acrylonitrile	ND	50	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
Vinyl acetate	ND	10	ug/kg	SW846 8260B
2,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
2-Butanone	ND	25	ug/kg	SW846 8260B
Bromochloromethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Tetrahydrofuran	ND	20	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
2-Chloroethyl vinyl ether	ND	10	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	25	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	25	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B

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000037

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #....: E1A150166

Work Order #....: DT3A31AA

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	5.0	ug/kg	SW846 8260B
Styrene	ND	10	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
p-Isopropyltoluene	ND	5.0	ug/kg	SW846 8260B
Bromobenzene	ND	5.0	ug/kg	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,2,3-Trichloropropane	ND	5.0	ug/kg	SW846 8260B
n-Propylbenzene	ND	5.0	ug/kg	SW846 8260B
2-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
4-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
tert-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
sec-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
n-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	SW846 8260B
Hexachlorobutadiene	ND	5.0	ug/kg	SW846 8260B
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	SW846 8260B
<u>SURROGATE</u>		PERCENT	RECOVERY	
		RECOVERY	LIMITS	
Bromofluorobenzene	97		(70 - 130)	
1,2-Dichloroethane-d4	84		(60 - 140)	
Toluene-d8	90		(70 - 130)	

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

000038

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #....: E1A150166
 MB Lot-Sample #: E1A240000-408
 Analysis Date..: 01/23/01
 Dilution Factor: 1

Work Order #....: DT38V1AA

Matrix.....: SOLID

Prep Date.....: 01/23/01
 Prep Batch #....: 1024408

Analysis Time...: 18:47
 Instrument ID..: MSD

Analyst ID.....: 999998

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Acetone	630 J	1200	ug/kg	SW846 8260B
Acrolein	ND	5000	ug/kg	SW846 8260B
Acrylonitrile	ND	2500	ug/kg	SW846 8260B
Benzene	ND	250	ug/kg	SW846 8260B
Bromobenzene	ND	250	ug/kg	SW846 8260B
Bromoform	ND	250	ug/kg	SW846 8260B
Bromochloromethane	ND	250	ug/kg	SW846 8260B
Bromodichloromethane	ND	250	ug/kg	SW846 8260B
Bromomethane	ND	500	ug/kg	SW846 8260B
2-Butanone	ND	1200	ug/kg	SW846 8260B
n-Butylbenzene	ND	250	ug/kg	SW846 8260B
sec-Butylbenzene	ND	250	ug/kg	SW846 8260B
tert-Butylbenzene	ND	250	ug/kg	SW846 8260B
Carbon disulfide	ND	250	ug/kg	SW846 8260B
Carbon tetrachloride	ND	250	ug/kg	SW846 8260B
Chlorobenzene	ND	250	ug/kg	SW846 8260B
Dibromochloromethane	ND	250	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	500	ug/kg	SW846 8260B
Chloroethane	ND	500	ug/kg	SW846 8260B
2-Chloroethyl vinyl ether	ND	500	ug/kg	SW846 8260B
Chloroform	ND	250	ug/kg	SW846 8260B
Chloromethane	ND	500	ug/kg	SW846 8260B
2-Chlorotoluene	ND	250	ug/kg	SW846 8260B
4-Chlorotoluene	ND	250	ug/kg	SW846 8260B
1,2-Dibromoethane	ND	250	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	250	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	250	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	250	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	500	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	250	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	250	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	250	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	250	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	250	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	250	ug/kg	SW846 8260B
2,2-Dichloropropane	ND	250	ug/kg	SW846 8260B
1,1-Dichloropropene	ND	250	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	250	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	250	ug/kg	SW846 8260B

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000039

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E1A150166

Work Order #...: DT38V1AA

Matrix.....: SOLID

<u>PARAMETER</u>	<u>RESULT</u>	REPORTING		
		<u>LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>
Ethylbenzene	ND	250	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	500	ug/kg	SW846 8260B
Hexachlorobutadiene	ND	250	ug/kg	SW846 8260B
2-Hexanone	ND	1200	ug/kg	SW846 8260B
Iodomethane	ND	500	ug/kg	SW846 8260B
Isopropylbenzene	ND	250	ug/kg	SW846 8260B
p-Isopropyltoluene	ND	250	ug/kg	SW846 8260B
Methylene chloride	ND	250	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	1200	ug/kg	SW846 8260B
n-Propylbenzene	ND	250	ug/kg	SW846 8260B
Styrene	ND	500	ug/kg	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	250	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	250	ug/kg	SW846 8260B
Tetrachloroethene	ND	250	ug/kg	SW846 8260B
Tetrahydrofuran	ND	1000	ug/kg	SW846 8260B
Toluene	ND	250	ug/kg	SW846 8260B
1,2,3-Trichlorobenzene	ND	250	ug/kg	SW846 8260B
1,2,4-Trichloro- benzene	ND	250	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	250	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	250	ug/kg	SW846 8260B
Trichloroethene	ND	250	ug/kg	SW846 8260B
1,2,3-Trichloropropane	ND	250	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	250	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	250	ug/kg	SW846 8260B
Vinyl acetate	ND	500	ug/kg	SW846 8260B
Vinyl chloride	ND	500	ug/kg	SW846 8260B
Xylenes (total)	ND	250	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	250	ug/kg	SW846 8260B
<u>SURROGATE</u>		<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	
Bromofluorobenzene	100	(60 - 140)		
1,2-Dichloroethane-d4	84	(60 - 140)		
Toluene-d8	98	(60 - 140)		

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

000040

METHOD BLANK REPORT

TOTAL Metals

Client Lot #....: E1A150166

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
		LIMIT	UNITS				
MB Lot-Sample #: E1A160000-312 Prep Batch #....: 1016312							
Aluminum	ND	20.0	mg/kg	SW846 6010B		01/16-01/17/01	DTPJM1AA
		Dilution Factor: 1					
		Analysis Time...: 17:44		Analyst ID.....: 003119		Instrument ID...: M01	
Arsenic	ND	1.0	mg/kg	SW846 6010B		01/16-01/17/01	DTPJM1AC
		Dilution Factor: 1					
		Analysis Time...: 17:44		Analyst ID.....: 003119		Instrument ID...: M01	
Antimony	ND	6.0	mg/kg	SW846 6010B		01/16-01/17/01	DTPJM1AD
		Dilution Factor: 1					
		Analysis Time...: 17:44		Analyst ID.....: 003119		Instrument ID...: M01	
Barium	ND	2.0	mg/kg	SW846 6010B		01/16-01/17/01	DTPJM1AE
		Dilution Factor: 1					
		Analysis Time...: 17:44		Analyst ID.....: 003119		Instrument ID...: M01	
Cadmium	ND	0.50	mg/kg	SW846 6010B		01/16-01/17/01	DTPJM1AF
		Dilution Factor: 1					
		Analysis Time...: 17:44		Analyst ID.....: 003119		Instrument ID...: M01	
Chromium	ND	1.0	mg/kg	SW846 6010B		01/16-01/17/01	DTPJM1AG
		Dilution Factor: 1					
		Analysis Time...: 17:44		Analyst ID.....: 003119		Instrument ID...: M01	
Beryllium	ND	0.50	mg/kg	SW846 6010B		01/16-01/17/01	DTPJM1AH
		Dilution Factor: 1					
		Analysis Time...: 17:44		Analyst ID.....: 003119		Instrument ID...: M01	
Lead	ND	0.50	mg/kg	SW846 6010B		01/16-01/17/01	DTPJM1AJ
		Dilution Factor: 1					
		Analysis Time...: 17:44		Analyst ID.....: 003119		Instrument ID...: M01	
Selenium	ND	0.50	mg/kg	SW846 6010B		01/16-01/17/01	DTPJM1AK
		Dilution Factor: 1					
		Analysis Time...: 17:44		Analyst ID.....: 003119		Instrument ID...: M01	
Silver	ND	1.0	mg/kg	SW846 6010B		01/16-01/17/01	DTPJM1AL
		Dilution Factor: 1					
		Analysis Time...: 17:44		Analyst ID.....: 003119		Instrument ID...: M01	
Cobalt	ND	5.0	mg/kg	SW846 6010B		01/16-01/17/01	DTPJM1AM
		Dilution Factor: 1					
		Analysis Time...: 17:44		Analyst ID.....: 003119		Instrument ID...: M01	

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000041

BOE-C6-0153660

METHOD BLANK REPORT

TOTAL Metals

Client Lot #....: E1A150166

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION-	WORK
		LIMIT	UNITS			ANALYSIS DATE	ORDER #
Copper	ND	2.5	mg/kg		SW846 6010B	01/16-01/17/01	DTPJM1AN
		Dilution Factor: 1					
		Analysis Time...: 17:44			Analyst ID.....: 003119	Instrument ID...: M01	
Molybdenum	ND	4.0	mg/kg		SW846 6010B	01/16-01/17/01	DTPJM1AP
		Dilution Factor: 1					
		Analysis Time...: 17:44			Analyst ID.....: 003119	Instrument ID...: M01	
Nickel	ND	4.0	mg/kg		SW846 6010B	01/16-01/17/01	DTPJM1AQ
		Dilution Factor: 1					
		Analysis Time...: 17:44			Analyst ID.....: 003119	Instrument ID...: M01	
Thallium	ND	1.0	mg/kg		SW846 6010B	01/16-01/17/01	DTPJM1AR
		Dilution Factor: 1					
		Analysis Time...: 17:44			Analyst ID.....: 003119	Instrument ID...: M01	
Vanadium	ND	5.0	mg/kg		SW846 6010B	01/16-01/17/01	DTPJM1AT
		Dilution Factor: 1					
		Analysis Time...: 17:44			Analyst ID.....: 003119	Instrument ID...: M01	
Zinc	ND	2.0	mg/kg		SW846 6010B	01/16-01/17/01	DTPJM1AU
		Dilution Factor: 1					
		Analysis Time...: 17:44			Analyst ID.....: 003119	Instrument ID...: M01	

MB Lot-Sample #: E1A160000-320 Prep Batch #....: 1016320

Mercury	ND	0.10	mg/kg	SW846 7471A	01/16-01/17/01	DTPJ91AA
		Dilution Factor: 1				
		Analysis Time...: 15:23		Analyst ID.....: 021088	Instrument ID...: M04	

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

000042

BOE-C6-0153661

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #....: E1A150166 Work Order #....: DT2EJ1AC-LCS Matrix.....: SOLID
LCS Lot-Sample#: E1A230000-350 DT2EJ1AD-LCSD
Prep Date.....: 01/17/01 Analysis Date...: 01/17/01
Prep Batch #...: 1023350 Analysis Time...: 18:39
Dilution Factor: 1 Instrument ID...: G13
Analyst ID.....: 001464

PARAMETER	SPIKE	MEASURED		PERCENT		METHOD
	AMOUNT	AMOUNT	UNITS	RECOVERY	RPD	
TPH (as Gasoline)	50.0	50.3	mg/kg	101		SW846 8015B
	50.0	50.2	mg/kg	100	0.15	SW846 8015B
<u>SURROGATE</u>		PERCENT		RECOVERY		
		RECOVERY		LIMITS		
a,a,a-Trifluorotoluene (TFT)		109		(60 - 130)		
		112		(60 - 130)		

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000043

BOE-C6-0153662

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Volatiles

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>
TPH (as Gasoline)	101	(80 - 140)			SW846 8015B
	100	(80 - 140)	0.15	(0-40)	SW846 8015B
<u>SURROGATE</u>		<u>PERCENT RECOVERY</u>		<u>RECOVERY LIMITS</u>	
a,a,a-Trifluorotoluene (TFT)		109		(60 - 130)	
		112		(60 - 130)	

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000044

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #....: E1A150166 Work Order #....: DTPRX1AC Matrix.....: SOLID
LCS Lot-Sample#: E1A160000-386
Prep Date.....: 01/16/01 Analysis Date...: 01/18/01
Prep Batch #....: 1016386 Analysis Time...: 20:06
Dilution Factor: 1 Instrument ID...: G02
Analyst ID.....: 356074

PARAMETER	SPIKE <u>AMOUNT</u>	MEASURED <u>AMOUNT</u>	PERCENT <u>UNITS</u>	RECOVERY	METHOD
TPH (as Diesel)	250	256	mg/kg	103	SW846 8015B
SURROGATE		PERCENT <u>RECOVERY</u>	RECOVERY <u>LIMITS</u>		
Benzo(a)pyrene		108	(60 - 130)		

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000045

BOE-C6-0153664

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #....: E1A150166 Work Order #....: DT2EG1AC Matrix.....: SOLID
 LCS Lot-Sample#: E1A230000-348
 Prep Date.....: 01/17/01 Analysis Date...: 01/17/01
 Prep Batch #....: 1023348 Analysis Time...: 15:00
 Dilution Factor: 1 Instrument ID...: G13
 Analyst ID.....: 001464

<u>PARAMETER</u>	<u>SPIKE</u>	<u>MEASURED</u>	<u>PERCENT</u>	<u>RECOVERY</u>	<u>METHOD</u>
	<u>AMOUNT</u>	<u>AMOUNT</u>	<u>UNITS</u>		
TPH (as Gasoline)	5.00	5.18	mg/kg	104	SW846 8015B
<u>SURROGATE</u>		PERCENT	RECOVERY		
a,a,a-Trifluorotoluene (TFT)		RECOVERY	LIMITS		
		118	(60 - 130)		

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000046

BOE-C6-0153665

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #....: E1A150166 Work Order #....: DT3A31AC Matrix.....: SOLID
 LCS Lot-Sample#: E1A240000-198
 Prep Date.....: 01/22/01 Analysis Date...: 01/22/01
 Prep Batch #....: 1024198 Analysis Time...: 21:17
 Dilution Factor: 1 Instrument ID...: MSD
 Analyst ID.....: 015590

<u>PARAMETER</u>	SPIKE <u>AMOUNT</u>	MEASURED <u>AMOUNT</u>	UNITS	PERCENT <u>RECOVERY</u>	METHOD
1,1-Dichloroethene	50.0	48.4	ug/kg	97	SW846 8260B
Benzene	50.0	49.4	ug/kg	99	SW846 8260B
Trichloroethene	50.0	41.4	ug/kg	83	SW846 8260B
Toluene	50.0	51.0	ug/kg	102	SW846 8260B
Chlorobenzene	50.0	48.6	ug/kg	97	SW846 8260B

<u>SURROGATE</u>	PERCENT <u>RECOVERY</u>	RECOVERY <u>LIMITS</u>
Bromofluorobenzene	102	(70 - 130)
1,2-Dichloroethane-d4	87	(60 - 140)
Toluene-d8	91	(70 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000047

BOE-C6-0153666

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #....: E1A150166 Work Order #....: DT38V1AC Matrix.....: SOLID
LCS Lot-Sample#: E1A240000-408
 Prep Date.....: 01/23/01 Analysis Date...: 01/23/01
 Prep Batch #....: 1024408 Analysis Time...: 16:13
 Dilution Factor: 1 Instrument ID...: MSD
 Analyst ID.....: 999998

<u>PARAMETER</u>	SPIKE <u>AMOUNT</u>	MEASURED <u>AMOUNT</u>	UNITS	PERCENT <u>RECOVERY</u>	METHOD
Benzene	2500	2470	ug/kg	99	SW846 8260B
Chlorobenzene	2500	2450	ug/kg	98	SW846 8260B
1,1-Dichloroethene	2500	2370	ug/kg	95	SW846 8260B
Toluene	2500	2630	ug/kg	105	SW846 8260B
Trichloroethene	2500	2080	ug/kg	83	SW846 8260B

<u>SURROGATE</u>	PERCENT <u>RECOVERY</u>	RECOVERY <u>LIMITS</u>
Bromofluorobenzene	105	(60 - 140)
1,2-Dichloroethane-d4	87	(60 - 140)
Toluene-d8	100	(60 - 140)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000048

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #....: E1A150166						Matrix.....: SOLID
PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	PREPARATION- ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: E1A160000-312 Prep Batch #....: 1016312						
Aluminum	200	201	mg/kg	100	SW846 6010B	01/16-01/17/01 DTPJM1AV
			Dilution Factor: 1			
			Analysis Time...: 17:49		Analyst ID.....: 003119	Instrument ID...: M01
Arsenic	200	200	mg/kg	100	SW846 6010B	01/16-01/17/01 DTPJM1AW
			Dilution Factor: 1			
			Analysis Time...: 17:49		Analyst ID.....: 003119	Instrument ID...: M01
Antimony	50.0	46.1	mg/kg	92	SW846 6010B	01/16-01/17/01 DTPJM1AX
			Dilution Factor: 1			
			Analysis Time...: 17:49		Analyst ID.....: 003119	Instrument ID...: M01
Barium	200	206	mg/kg	103	SW846 6010B	01/16-01/17/01 DTPJM1A0
			Dilution Factor: 1			
			Analysis Time...: 17:49		Analyst ID.....: 003119	Instrument ID...: M01
Cadmium	5.00	5.29	mg/kg	106	SW846 6010B	01/16-01/17/01 DTPJM1A1
			Dilution Factor: 1			
			Analysis Time...: 17:49		Analyst ID.....: 003119	Instrument ID...: M01
Chromium	20.0	21.3	mg/kg	106	SW846 6010B	01/16-01/17/01 DTPJM1A2
			Dilution Factor: 1			
			Analysis Time...: 17:49		Analyst ID.....: 003119	Instrument ID...: M01
Beryllium	5.00	5.31	mg/kg	106	SW846 6010B	01/16-01/17/01 DTPJM1A3
			Dilution Factor: 1			
			Analysis Time...: 17:49		Analyst ID.....: 003119	Instrument ID...: M01
Lead	50.0	51.6	mg/kg	103	SW846 6010B	01/16-01/17/01 DTPJM1A4
			Dilution Factor: 1			
			Analysis Time...: 17:49		Analyst ID.....: 003119	Instrument ID...: M01
Selenium	200	194	mg/kg	97	SW846 6010B	01/16-01/17/01 DTPJM1A5
			Dilution Factor: 1			
			Analysis Time...: 17:49		Analyst ID.....: 003119	Instrument ID...: M01
Silver	5.00	5.07	mg/kg	101	SW846 6010B	01/16-01/17/01 DTPJM1A6
			Dilution Factor: 1			
			Analysis Time...: 17:49		Analyst ID.....: 003119	Instrument ID...: M01

(Continued on next page)

000049

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #....: E1A150166

Matrix.....: SOLID

PARAMETER	SPIKE	MEASURED	UNITS	PERCNT	METHOD	PREPARATION-	WORK	ORDER #
	AMOUNT	AMOUNT		RECVRY		ANALYSIS DATE		
Cobalt	50.0	54.2	mg/kg	108	SW846 6010B	01/16-01/17/01	DTPJM1A7	
				Dilution Factor: 1				
				Analysis Time...: 17:49		Analyst ID.....: 003119	Instrument ID...: M01	
Copper	25.0	26.3	mg/kg	105	SW846 6010B	01/16-01/17/01	DTPJM1A8	
				Dilution Factor: 1				
				Analysis Time...: 17:49		Analyst ID.....: 003119	Instrument ID...: M01	
Molybdenum	100	105	mg/kg	105	SW846 6010B	01/16-01/17/01	DTPJM1A9	
				Dilution Factor: 1				
				Analysis Time...: 17:49		Analyst ID.....: 003119	Instrument ID...: M01	
Nickel	50.0	53.4	mg/kg	107	SW846 6010B	01/16-01/17/01	DTPJM1CA	
				Dilution Factor: 1				
				Analysis Time...: 17:49		Analyst ID.....: 003119	Instrument ID...: M01	
Thallium	200	212	mg/kg	106	SW846 6010B	01/16-01/17/01	DTPJM1CC	
				Dilution Factor: 1				
				Analysis Time...: 17:49		Analyst ID.....: 003119	Instrument ID...: M01	
Vanadium	50.0	51.9	mg/kg	104	SW846 6010B	01/16-01/17/01	DTPJM1CD	
				Dilution Factor: 1				
				Analysis Time...: 17:49		Analyst ID.....: 003119	Instrument ID...: M01	
Zinc	50.0	51.3	mg/kg	103	SW846 6010B	01/16-01/17/01	DTPJM1CE	
				Dilution Factor: 1				
				Analysis Time...: 17:49		Analyst ID.....: 003119	Instrument ID...: M01	
LCS Lot-Sample#: E1A160000-320 Prep Batch #....: 1016320								
Mercury	0.833	0.828	mg/kg	99	SW846 7471A	01/16-01/17/01	DTPJ91AC	
				Dilution Factor: 1				
				Analysis Time...: 15:25		Analyst ID.....: 021088	Instrument ID...: M04	

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

000050

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #....: E1A150166 Work Order #....: DTPRX1AC Matrix.....: SOLID
LCS Lot-Sample#: E1A160000-386
Prep Date.....: 01/16/01 Analysis Date...: 01/18/01
Prep Batch #....: 1016386 Analysis Time...: 20:06
Dilution Factor: 1 Instrument ID...: G02
Analyst ID.....: 356074

<u>PARAMETER</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>	<u>METHOD</u>
TPH (as Diesel)	103	(60 - 130)	SW846 8015B
<u>SURROGATE</u>		<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>
Benzo(a)pyrene		108	(60 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000051

BOE-C6-0153670

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #....: E1A150166 Work Order #....: DT2EG1AC Matrix.....: SOLID
LCS Lot-Sample#: E1A230000-348
Prep Date.....: 01/17/01 Analysis Date...: 01/17/01
Prep Batch #....: 1023348 Analysis Time...: 15:00
Dilution Factor: 1 Instrument ID..: G13
Analyst ID.....: 001464

<u>PARAMETER</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>	<u>METHOD</u>
TPH (as Gasoline)	104	(80 - 140)	SW846 8015B
<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>	
a,a,a-Trifluorotoluene (TFT)	118	(60 - 130)	

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000052

BOE-C6-0153671

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #....: E1A150166 Work Order #....: DT3A31AC Matrix.....: SOLID
LCS Lot-Sample#: E1A240000-198
 Prep Date.....: 01/22/01 Analysis Date...: 01/22/01
 Prep Batch #....: 1024198 Analysis Time...: 21:17
 Dilution Factor: 1 Instrument ID...: MSD
 Analyst ID.....: 015590

<u>PARAMETER</u>	<u>PERCENT</u>	<u>RECOVERY</u>	<u>METHOD</u>
	<u>RECOVERY</u>	<u>LIMITS</u>	
1,1-Dichloroethene	97	(60 - 150)	SW846 8260B
Benzene	99	(70 - 140)	SW846 8260B
Trichloroethene	83	(70 - 130)	SW846 8260B
Toluene	102	(70 - 130)	SW846 8260B
Chlorobenzene	97	(70 - 130)	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>
	<u>RECOVERY</u>	<u>LIMITS</u>
Bromofluorobenzene	102	(70 - 130)
1,2-Dichloroethane-d4	87	(60 - 140)
Toluene-d8	91	(70 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000053

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #....: E1A150166 Work Order #....: DT38V1AC Matrix.....: SOLID
 LCS Lot-Sample#: E1A240000-408
 Prep Date.....: 01/23/01 Analysis Date...: 01/23/01
 Prep Batch #....: 1024408 Analysis Time...: 16:13
 Dilution Factor: 1 Instrument ID...: MSD
 Analyst ID.....: 999998

<u>PARAMETER</u>	PERCENT	RECOVERY	<u>METHOD</u>
	<u>RECOVERY</u>	<u>LIMITS</u>	
Benzene	99	(60 - 130)	SW846 8260B
Chlorobenzene	98	(60 - 130)	SW846 8260B
1,1-Dichloroethene	95	(60 - 140)	SW846 8260B
Toluene	105	(60 - 130)	SW846 8260B
Trichloroethene	83	(60 - 140)	SW846 8260B

<u>SURROGATE</u>	PERCENT	RECOVERY	<u>METHOD</u>
	<u>RECOVERY</u>	<u>LIMITS</u>	
Bromofluorobenzene	105	(60 - 140)	
1,2-Dichloroethane-d4	87	(60 - 140)	
Toluene-d8	100	(60 - 140)	

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000054

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #....: E1A150166

Matrix.....: SOLID

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
LCS Lot-Sample#:	E1A160000-312	Prep Batch #....:	1016312		
Aluminum	100	(80 - 120)	SW846 6010B	01/16-01/17/01	DTPJM1AV
		Dilution Factor: 1			
		Analysis Time...: 17:49		Analyst ID.....: 003119	Instrument ID...: M01
Arsenic	100	(75 - 115)	SW846 6010B	01/16-01/17/01	DTPJM1AW
		Dilution Factor: 1			
		Analysis Time...: 17:49		Analyst ID.....: 003119	Instrument ID...: M01
Antimony	92	(75 - 115)	SW846 6010B	01/16-01/17/01	DTPJM1AX
		Dilution Factor: 1			
		Analysis Time...: 17:49		Analyst ID.....: 003119	Instrument ID...: M01
Barium	103	(80 - 120)	SW846 6010B	01/16-01/17/01	DTPJM1AO
		Dilution Factor: 1			
		Analysis Time...: 17:49		Analyst ID.....: 003119	Instrument ID...: M01
Cadmium	106	(80 - 120)	SW846 6010B	01/16-01/17/01	DTPJM1A1
		Dilution Factor: 1			
		Analysis Time...: 17:49		Analyst ID.....: 003119	Instrument ID...: M01
Chromium	106	(85 - 120)	SW846 6010B	01/16-01/17/01	DTPJM1A2
		Dilution Factor: 1			
		Analysis Time...: 17:49		Analyst ID.....: 003119	Instrument ID...: M01
Beryllium	106	(80 - 120)	SW846 6010B	01/16-01/17/01	DTPJM1A3
		Dilution Factor: 1			
		Analysis Time...: 17:49		Analyst ID.....: 003119	Instrument ID...: M01
Lead	103	(80 - 120)	SW846 6010B	01/16-01/17/01	DTPJM1A4
		Dilution Factor: 1			
		Analysis Time...: 17:49		Analyst ID.....: 003119	Instrument ID...: M01
Selenium	97	(70 - 115)	SW846 6010B	01/16-01/17/01	DTPJM1A5
		Dilution Factor: 1			
		Analysis Time...: 17:49		Analyst ID.....: 003119	Instrument ID...: M01
Silver	101	(80 - 120)	SW846 6010B	01/16-01/17/01	DTPJM1A6
		Dilution Factor: 1			
		Analysis Time...: 17:49		Analyst ID.....: 003119	Instrument ID...: M01

(Continued on next page)

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #....: E1A150166

Matrix.....: SOLID

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>	<u>PREPARATION-ANALYSIS DATE</u>	<u>WORK ORDER #</u>
Cobalt	108	(80 - 120)	SW846 6010B	01/16-01/17/01	DTPJM1A7
		Dilution Factor: 1			
		Analysis Time...: 17:49	Analyst ID.....: 003119	Instrument ID...: M01	
Copper	105	(80 - 120)	SW846 6010B	01/16-01/17/01	DTPJM1A8
		Dilution Factor: 1			
		Analysis Time...: 17:49	Analyst ID.....: 003119	Instrument ID...: M01	
Molybdenum	105	(80 - 120)	SW846 6010B	01/16-01/17/01	DTPJM1A9
		Dilution Factor: 1			
		Analysis Time...: 17:49	Analyst ID.....: 003119	Instrument ID...: M01	
Nickel	107	(80 - 120)	SW846 6010B	01/16-01/17/01	DTPJM1CA
		Dilution Factor: 1			
		Analysis Time...: 17:49	Analyst ID.....: 003119	Instrument ID...: M01	
Thallium	106	(75 - 120)	SW846 6010B	01/16-01/17/01	DTPJM1CC
		Dilution Factor: 1			
		Analysis Time...: 17:49	Analyst ID.....: 003119	Instrument ID...: M01	
Vanadium	104	(80 - 120)	SW846 6010B	01/16-01/17/01	DTPJM1CD
		Dilution Factor: 1			
		Analysis Time...: 17:49	Analyst ID.....: 003119	Instrument ID...: M01	
Zinc	103	(80 - 120)	SW846 6010B	01/16-01/17/01	DTPJM1CE
		Dilution Factor: 1			
		Analysis Time...: 17:49	Analyst ID.....: 003119	Instrument ID...: M01	
LCS Lot-Sample#:	E1A160000-320	Prep Batch #....:	1016320		
Mercury	99	(85 - 115)	SW846 7471A	01/16-01/17/01	DTPJ91AC
		Dilution Factor: 1			
		Analysis Time...: 15:25	Analyst ID.....: 021088	Instrument ID...: M04	

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

000056

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #....: E1A150166 Work Order #....: DTF3X1AH-MS Matrix.....: SOLID
 MS Lot-Sample #: E1A100143-024 DTF3X1AJ-MSD
 Date Sampled....: 01/09/01 08:15 Date Received...: 01/09/01 17:10 MS Run #.....: 1024069
 Prep Date.....: 01/22/01 Analysis Date...: 01/22/01
 Prep Batch #....: 1024198 Analysis Time...: 23:26
 Dilution Factor: 1 Analyst ID.....: 015590 Instrument ID...: MSD

<u>PARAMETER</u>	<u>SAMPLE</u>	<u>SPIKE</u>	<u>MEASRD</u>	<u>PERCENT</u>			
	<u>AMOUNT</u>	<u>AMT</u>	<u>AMOUNT</u>	<u>UNITS</u>	<u>RECOVERY</u>	<u>RPD</u>	<u>METHOD</u>
1,1-Dichloroethene	ND	50.0	49.4	ug/kg	99		SW846 8260B
	ND	50.0	49.1	ug/kg	98	0.60	SW846 8260B
Benzene	ND	50.0	50.2	ug/kg	100		SW846 8260B
	ND	50.0	49.8	ug/kg	100	0.83	SW846 8260B
Trichloroethene	ND	50.0	40.7	ug/kg	81		SW846 8260B
	ND	50.0	41.1	ug/kg	82	0.95	SW846 8260B
Toluene	ND	50.0	50.7	ug/kg	101		SW846 8260B
	ND	50.0	51.5	ug/kg	103	1.5	SW846 8260B
Chlorobenzene	ND	50.0	48.6	ug/kg	97		SW846 8260B
	ND	50.0	48.9	ug/kg	98	0.63	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT</u>		<u>RECOVERY</u>
	<u>RECOVERY</u>	<u>LIMITS</u>	
Bromofluorobenzene	98	(70 - 130)	
	98	(70 - 130)	
1,2-Dichloroethane-d4	90	(60 - 140)	
	90	(60 - 140)	
Toluene-d8	91	(70 - 130)	
	93	(70 - 130)	

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000057

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #....: E1A150166 Work Order #....: DTL7T1AD-MS Matrix.....: SOLID
MS Lot-Sample #: E1A120319-027 DTL7T1AE-MSD
Date Sampled....: 01/12/01 13:59 Date Received...: 01/12/01 17:05 MS Run #.....: 1016231
Prep Date.....: 01/16/01 Analysis Date...: 01/18/01
Prep Batch #....: 1016386 Analysis Time...: 21:23
Dilution Factor: 1 Analyst ID.....: 356074 Instrument ID...: G02

PARAMETER	SAMPLE	SPIKE	MEASRD	PERCENT			METHOD
	AMOUNT	AMT	AMOUNT	UNITS	RECOVERY	RPD	
TPH (as Diesel)		250	249	mg/kg	100		SW846 8015B
		250	240	mg/kg	96	3.6	SW846 8015B
SURROGATE			PERCENT			RECOVERY	
Benzo (a)pyrene			RECOVERY			LIMITS	
			108			(60 - 130)	
			108			(60 - 130)	

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000058

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #....: E1A150166

Matrix.....: SOLID

Date Sampled...: 01/15/01 08:53 **Date Received...:** 01/15/01 17:00

PARAMETER	SAMPLE SPIKE MEASURED			PERCNT		PREPARATION-	WORK		
	AMOUNT	AMT	AMOUNT	UNITS	RECVRY	RPD	METHOD	ANALYSIS DATE	ORDER #
MS Lot-Sample #: E1A150162-005 Prep Batch #....: 1016312									
Aluminum									
18300	200	18800	NC	mg/kg			SW846	6010B	01/16-01/17/01 DTNL01A1
18300	200	18700	NC	mg/kg			SW846	6010B	01/16-01/17/01 DTNL01A2
				Dilution Factor:	1				
				Analysis Time...:	18:11		Instrument ID...:	M01	Analyst ID.....: 003119
				MS Run #.....:	1016166				
Arsenic									
10.0	200	205		mg/kg	97		SW846	6010B	01/16-01/17/01 DTNL01A3
10.0	200	207		mg/kg	99	1.0	SW846	6010B	01/16-01/17/01 DTNL01A4
				Dilution Factor:	1				
				Analysis Time...:	18:11		Instrument ID...:	M01	Analyst ID.....: 003119
				MS Run #.....:	1016166				
Antimony									
1.8	50.0	10.9	N	mg/kg	18		SW846	6010B	01/16-01/17/01 DTNL01A5
1.8	50.0	12.3	N	mg/kg	21	12	SW846	6010B	01/16-01/17/01 DTNL01A6
				Dilution Factor:	1				
				Analysis Time...:	18:11		Instrument ID...:	M01	Analyst ID.....: 003119
				MS Run #.....:	1016166				
Barium									
176	200	394		mg/kg	109		SW846	6010B	01/16-01/17/01 DTNL01A7
176	200	369		mg/kg	96	6.6	SW846	6010B	01/16-01/17/01 DTNL01A8
				Dilution Factor:	1				
				Analysis Time...:	18:11		Instrument ID...:	M01	Analyst ID.....: 003119
				MS Run #.....:	1016166				
Cadmium									
ND	5.00	5.09		mg/kg	102		SW846	6010B	01/16-01/17/01 DTNL01A9
ND	5.00	5.10		mg/kg	102	0.21	SW846	6010B	01/16-01/17/01 DTNL01CA
				Dilution Factor:	1				
				Analysis Time...:	18:11		Instrument ID...:	M01	Analyst ID.....: 003119
				MS Run #.....:	1016166				
Chromium									
28.8	20.0	48.9		mg/kg	101		SW846	6010B	01/16-01/17/01 DTNL01CC
28.8	20.0	48.7		mg/kg	99	0.59	SW846	6010B	01/16-01/17/01 DTNL01CD
				Dilution Factor:	1				
				Analysis Time...:	18:11		Instrument ID...:	M01	Analyst ID.....: 003119
				MS Run #.....:	1016166				

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000059

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #....: E1A150166

Matrix.....: SOLID

Date Sampled...: 01/15/01 08:53 **Date Received...:** 01/15/01 17:00

PARAMETER	SAMPLE SPIKE MEASURED			PERCNT			PREPARATION-	WORK
	AMOUNT	AMT	AMOUNT	UNITS	RECVRY	RPD		
Beryllium								
	0.61	5.00	5.81	mg/kg	104		SW846 6010B	01/16-01/17/01 DTNL01CE
	0.61	5.00	5.85	mg/kg	105	0.70	SW846 6010B	01/16-01/17/01 DTNL01CF
	Dilution Factor: 1							
	Analysis Time...: 18:11							
	MS Run #.....: 1016166							
Lead								
	7.4	50.0	56.3	mg/kg	98		SW846 6010B	01/16-01/17/01 DTNL01CG
	7.4	50.0	56.2	mg/kg	98	0.20	SW846 6010B	01/16-01/17/01 DTNL01CH
	Dilution Factor: 1							
	Analysis Time...: 18:11							
	MS Run #.....: 1016166							
Selenium								
	ND	200	190	mg/kg	95		SW846 6010B	01/16-01/17/01 DTNL01CJ
	ND	200	191	mg/kg	95	0.43	SW846 6010B	01/16-01/17/01 DTNL01CK
	Dilution Factor: 1							
	Analysis Time...: 18:11							
	MS Run #.....: 1016166							
Silver								
	ND	5.00	4.65	mg/kg	93		SW846 6010B	01/16-01/17/01 DTNL01CL
	ND	5.00	4.75	mg/kg	95	2.2	SW846 6010B	01/16-01/17/01 DTNL01CM
	Dilution Factor: 1							
	Analysis Time...: 18:11							
	MS Run #.....: 1016166							
Cobalt								
	12.3	50.0	64.3	mg/kg	104		SW846 6010B	01/16-01/17/01 DTNL01CN
	12.3	50.0	63.6	mg/kg	103	1.1	SW846 6010B	01/16-01/17/01 DTNL01CP
	Dilution Factor: 1							
	Analysis Time...: 18:11							
	MS Run #.....: 1016166							
Copper								
	43.3	25.0	70.1	mg/kg	107		SW846 6010B	01/16-01/17/01 DTNL01CQ
	43.3	25.0	68.9	mg/kg	102	1.7	SW846 6010B	01/16-01/17/01 DTNL01CR
	Dilution Factor: 1							
	Analysis Time...: 18:11							
	MS Run #.....: 1016166							
Molybdenum								
	1.3	100	98.4	mg/kg	97		SW846 6010B	01/16-01/17/01 DTNL01CT
	1.3	100	99.7	mg/kg	98	1.3	SW846 6010B	01/16-01/17/01 DTNL01CU
	Dilution Factor: 1							
	Analysis Time...: 18:11							
	MS Run #.....: 1016166							

000060

BOE-C6-0153679

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #....: E1A150166

Matrix.....: SOLID

Date Sampled...: 01/15/01 08:53 **Date Received..:** 01/15/01 17:00

PARAMETER	SAMPLE	SPIKE	MEASURED	PERCNT			PREPARATION-	WORK	
	AMOUNT	AMT	AMOUNT	UNITS	RECVRY	RPD			
Nickel									
	28.4	50.0	79.1	mg/kg	101		SW846	6010B	01/16-01/17/01 DTNL01CV
	28.4	50.0	78.0	mg/kg	99	1.4	SW846	6010B	01/16-01/17/01 DTNL01CW
	Dilution Factor: 1								
	Analysis Time...: 18:11 Instrument ID...: M01 Analyst ID.....: 003119								
	MS Run #.....: 1016166								
Thallium									
	1.1	200	203	mg/kg	101		SW846	6010B	01/16-01/17/01 DTNL01CX
	1.1	200	204	mg/kg	101	0.49	SW846	6010B	01/16-01/17/01 DTNL01C0
	Dilution Factor: 1								
	Analysis Time...: 18:11 Instrument ID...: M01 Analyst ID.....: 003119								
	MS Run #.....: 1016166								
Vanadium									
	44.4	50.0	93.9	mg/kg	99		SW846	6010B	01/16-01/17/01 DTNL01C1
	44.4	50.0	93.9	mg/kg	99	0.0	SW846	6010B	01/16-01/17/01 DTNL01C2
	Dilution Factor: 1								
	Analysis Time...: 18:11 Instrument ID...: M01 Analyst ID.....: 003119								
	MS Run #.....: 1016166								
Zinc									
	67.6	50.0	119	mg/kg	104		SW846	6010B	01/16-01/17/01 DTNL01C3
	67.6	50.0	119	mg/kg	102	0.58	SW846	6010B	01/16-01/17/01 DTNL01C4
	Dilution Factor: 1								
	Analysis Time...: 18:11 Instrument ID...: M01 Analyst ID.....: 003119								
	MS Run #.....: 1016166								

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

N Spiked analyte recovery is outside stated control limits.

000061

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #....: E1A150166

Matrix.....: SOLID

Date Sampled...: 01/09/01 08:00 Date Received..: 01/15/01 14:40

PARAMETER	SAMPLE SPIKE MEASURED			PERCNT			PREPARATION-	WORK	ORDER #	
	AMOUNT	AMT	AMOUNT	UNITS	RECVRY	RPD				
MS Lot-Sample #:	E1A150166-001			Prep Batch #....:	1016320					
Mercury	0.038	0.167	0.243	N	mg/kg	123	SW846	7471A	01/16-01/17/01 DTNNC1A1	
	0.038	0.167	0.208		mg/kg	102	15	SW846	7471A	01/16-01/17/01 DTNNC1A2
	Dilution Factor: 1									
	Analysis Time...: 15:28			Instrument ID...: M04			Analyst ID.....: 021088			
	MS Run #.....: 1016171									

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

000062

BOE-C6-0153681

MATRIX SPIKE SAMPLE DATA REPORT

GC Volatiles

Client Lot #....: E1A150166 Work Order #....: DTNNC1A3-MS Matrix.....: SOLID
 MS Lot-Sample #: E1A150166-001 DTNNC1A4-MSD
 Date Sampled....: 01/09/01 08:00 Date Received...: 01/15/01 14:40 MS Run #.....: 1023184
 Prep Date.....: 01/17/01 Analysis Date...: 01/17/01
 Prep Batch #....: 1023348 Analysis Time...: 17:17
 Dilution Factor: 1 Analyst ID.....: 001464 Instrument ID...: G13

<u>PARAMETER</u>	<u>SAMPLE</u>	<u>SPIKE</u>	<u>MEASRD</u>	<u>PERCENT</u>			
	<u>AMOUNT</u>	<u>AMT</u>	<u>AMOUNT</u>	<u>UNITS</u>	<u>RECOVERY</u>	<u>RPD</u>	<u>METHOD</u>
TPH (as Gasoline)	ND	5.00	5.22	mg/kg	104		SW846 8015B
	ND	5.00	5.13	mg/kg	103	1.8	SW846 8015B
<u>SURROGATE</u>				<u>PERCENT</u>			
a,a,a-Trifluorotoluene (TFT)				<u>RECOVERY</u>			
				118			
					<u>LIMITS</u>		
					(60 - 130)		
				108	(60 - 130)		

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000063

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #....: E1A150166 Work Order #....: DTTN51A5-MS Matrix.....: SOLID
 MS Lot-Sample #: E1A160223-053 DTTN51A6-MSD
 Date Sampled...: 01/15/01 15:10 Date Received...: 01/16/01 19:15 MS Run #.....: 1024197
 Prep Date.....: 01/23/01 Analysis Date...: 01/23/01
 Prep Batch #....: 1024408 Analysis Time...: 23:56
 Dilution Factor: 1 Analyst ID.....: 999998 Instrument ID...: MSD

<u>PARAMETER</u>	SAMPLE	SPIKE	MEASRD	PERCENT			METHOD
	AMOUNT	AMT	AMOUNT	UNITS	RECOVERY	RPD	
Benzene	ND	2500	534	ug/kg	21 a,I	SW846	8260B
	ND	2500	569	ug/kg	23 a,I	6.4	SW846 8260B
Chlorobenzene	ND	2500	344	ug/kg	14 a,I	SW846	8260B
	ND	2500	368	ug/kg	15 a,I	6.8	SW846 8260B
1,1-Dichloroethene	ND	2500	495	ug/kg	20 a,I	SW846	8260B
	ND	2500	531	ug/kg	21 a,I	6.9	SW846 8260B
Toluene	ND	2500	379	ug/kg	15 a,I	SW846	8260B
	ND	2500	409	ug/kg	16 a,I	7.6	SW846 8260B
Trichloroethene	ND	2500	299	ug/kg	12 a,I	SW846	8260B
	ND	2500	326	ug/kg	13 a,I	8.4	SW846 8260B

<u>SURROGATE</u>	PERCENT		RECOVERY
	RECOVERY	LIMITS	
Bromofluorobenzene	16 *, I	(60 - 140)	
	17 *, I	(60 - 140)	
1,2-Dichloroethane-d4	37 *, I	(60 - 140)	
	37 *, I	(60 - 140)	
Toluene-d8	16 *, I	(60 - 140)	
	17 *, I	(60 - 140)	

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

* Surrogate recovery is outside stated control limits.

I Matrix interference.

a Spiked analyte recovery is outside stated control limits.

000064

BOE-C6-0153683

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #....: E1A150166 Work Order #....: DTF3X1AH-MS Matrix.....: SOLID
MS Lot-Sample #: E1A100143-024 Date Received...: DTF3X1AJ-MSD
Date Sampled....: 01/09/01 08:15 MS Run #.....: 1024069
Prep Date.....: 01/22/01 Analysis Date...: 01/22/01
Prep Batch #....: 1024198 Analysis Time..: 23:26
Dilution Factor: 1 Analyst ID.....: 015590 Instrument ID.: MSD

PARAMETER	PERCENT	RECOVERY	RPD	RPD	METHOD
	RECOVERY	LIMITS		LIMITS	
1,1-Dichloroethene	99	(60 - 150)			SW846 8260B
	98	(60 - 150)	0.60	(0-30)	SW846 8260B
Benzene	100	(70 - 140)			SW846 8260B
	100	(70 - 140)	0.83	(0-30)	SW846 8260B
Trichloroethene	81	(70 - 130)			SW846 8260B
	82	(70 - 130)	0.95	(0-30)	SW846 8260B
Toluene	101	(70 - 130)			SW846 8260B
	103	(70 - 130)	1.5	(0-30)	SW846 8260B
Chlorobenzene	97	(70 - 130)			SW846 8260B
	98	(70 - 130)	0.63	(0-30)	SW846 8260B

<u>SURROGATE</u>	PERCENT <u>RECOVERY</u>	RECOVERY <u>LIMITS</u>
Bromofluorobenzene	98	(70 - 130)
	98	(70 - 130)
1, 2-Dichloroethane-d4	90	(60 - 140)
	90	(60 - 140)
Toluene-d8	91	(70 - 130)
	93	(70 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000065

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #....: E1A150166 Work Order #....: DTL7T1AD-MS Matrix.....: SOLID
MS Lot-Sample #: E1A120319-027 DTL7T1AE-MSD
Date Sampled...: 01/12/01 13:59 Date Received...: 01/12/01 17:05 MS Run #.....: 1016231
Prep Date.....: 01/16/01 Analysis Date...: 01/18/01
Prep Batch #....: 1016386 Analysis Time...: 21:23
Dilution Factor: 1 Analyst ID.....: 356074 Instrument ID...: G02

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>
TPH (as Diesel)	100	(60 - 130)			SW846 8015B
	96	(60 - 130)	3.6	(0-35)	SW846 8015B
<u>SURROGATE</u>					
Benzo(a)pyrene					
	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>			
	108	(60 - 130)			
	108	(60 - 130)			

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000066

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #....: E1A150166

Matrix.....: SOLID

Date Sampled....: 01/15/01 08:53 **Date Received..:** 01/15/01 17:00

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>	<u>PREPARATION-ANALYSIS DATE</u>	<u>WORK ORDER #</u>
MS Lot-Sample #: E1A150162-005 Prep Batch #....: 1016312							
Aluminum	NC	(80 - 120)			SW846 6010B	01/16-01/17/01	DTNL01A1
	NC	(80 - 120)	(0-25)		SW846 6010B	01/16-01/17/01	DTNL01A2
				Dilution Factor: 1			
				Analysis Time...: 18:11	Instrument ID...: M01		Analyst ID.....: 003119
				MS Run #.....: 1016166			
Arsenic	97	(75 - 115)			SW846 6010B	01/16-01/17/01	DTNL01A3
	99	(75 - 115) 1.0	(0-25)		SW846 6010B	01/16-01/17/01	DTNL01A4
				Dilution Factor: 1			
				Analysis Time...: 18:11	Instrument ID...: M01		Analyst ID.....: 003119
				MS Run #.....: 1016166			
Antimony	18 N	(75 - 115)			SW846 6010B	01/16-01/17/01	DTNL01A5
	21 N	(75 - 115) 12	(0-25)		SW846 6010B	01/16-01/17/01	DTNL01A6
				Dilution Factor: 1			
				Analysis Time...: 18:11	Instrument ID...: M01		Analyst ID.....: 003119
				MS Run #.....: 1016166			
Barium	109	(80 - 120)			SW846 6010B	01/16-01/17/01	DTNL01A7
	96	(80 - 120) 6.6	(0-25)		SW846 6010B	01/16-01/17/01	DTNL01A8
				Dilution Factor: 1			
				Analysis Time...: 18:11	Instrument ID...: M01		Analyst ID.....: 003119
				MS Run #.....: 1016166			
Cadmium	102	(80 - 120)			SW846 6010B	01/16-01/17/01	DTNL01A9
	102	(80 - 120) 0.21	(0-25)		SW846 6010B	01/16-01/17/01	DTNL01CA
				Dilution Factor: 1			
				Analysis Time...: 18:11	Instrument ID...: M01		Analyst ID.....: 003119
				MS Run #.....: 1016166			
Chromium	101	(85 - 120)			SW846 6010B	01/16-01/17/01	DTNL01CC
	99	(85 - 120) 0.59	(0-25)		SW846 6010B	01/16-01/17/01	DTNL01CD
				Dilution Factor: 1			
				Analysis Time...: 18:11	Instrument ID...: M01		Analyst ID.....: 003119
				MS Run #.....: 1016166			
Beryllium	104	(80 - 120)			SW846 6010B	01/16-01/17/01	DTNL01CE
	105	(80 - 120) 0.70	(0-25)		SW846 6010B	01/16-01/17/01	DTNL01CF
				Dilution Factor: 1			
				Analysis Time...: 18:11	Instrument ID...: M01		Analyst ID.....: 003119
				MS Run #.....: 1016166			

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000067

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #....: E1A150166

Matrix.....: SOLID

Date Sampled....: 01/15/01 08:53 **Date Received...:** 01/15/01 17:00

PARAMETER	PERCENT	RECOVERY	RPD	METHOD	PREPARATION-	WORK
	RECOVERY	LIMITS	RPD		ANALYSIS DATE	ORDER #
Lead	98	(80 - 120)		SW846 6010B	01/16-01/17/01	DTNL01CG
	98	(80 - 120) 0.20 (0-25)		SW846 6010B	01/16-01/17/01	DTNL01CH
		Dilution Factor: 1				
		Analysis Time...: 18:11		Instrument ID...: M01		Analyst ID.....: 003119
		MS Run #.....: 1016166				
Selenium	95	(70 - 115)		SW846 6010B	01/16-01/17/01	DTNL01CJ
	95	(70 - 115) 0.43 (0-25)		SW846 6010B	01/16-01/17/01	DTNL01CK
		Dilution Factor: 1				
		Analysis Time...: 18:11		Instrument ID...: M01		Analyst ID.....: 003119
		MS Run #.....: 1016166				
Silver	93	(80 - 120)		SW846 6010B	01/16-01/17/01	DTNL01CL
	95	(80 - 120) 2.2 (0-25)		SW846 6010B	01/16-01/17/01	DTNL01CM
		Dilution Factor: 1				
		Analysis Time...: 18:11		Instrument ID...: M01		Analyst ID.....: 003119
		MS Run #.....: 1016166				
Cobalt	104	(80 - 120)		SW846 6010B	01/16-01/17/01	DTNL01CN
	103	(80 - 120) 1.1 (0-25)		SW846 6010B	01/16-01/17/01	DTNL01CP
		Dilution Factor: 1				
		Analysis Time...: 18:11		Instrument ID...: M01		Analyst ID.....: 003119
		MS Run #.....: 1016166				
Copper	107	(80 - 120)		SW846 6010B	01/16-01/17/01	DTNL01CQ
	102	(80 - 120) 1.7 (0-25)		SW846 6010B	01/16-01/17/01	DTNL01CR
		Dilution Factor: 1				
		Analysis Time...: 18:11		Instrument ID...: M01		Analyst ID.....: 003119
		MS Run #.....: 1016166				
Molybdenum	97	(80 - 120)		SW846 6010B	01/16-01/17/01	DTNL01CT
	98	(80 - 120) 1.3 (0-25)		SW846 6010B	01/16-01/17/01	DTNL01CU
		Dilution Factor: 1				
		Analysis Time...: 18:11		Instrument ID...: M01		Analyst ID.....: 003119
		MS Run #.....: 1016166				
Nickel	101	(80 - 120)		SW846 6010B	01/16-01/17/01	DTNL01CV
	99	(80 - 120) 1.4 (0-25)		SW846 6010B	01/16-01/17/01	DTNL01CW
		Dilution Factor: 1				
		Analysis Time...: 18:11		Instrument ID...: M01		Analyst ID.....: 003119
		MS Run #.....: 1016166				
Thallium	101	(75 - 120)		SW846 6010B	01/16-01/17/01	DTNL01CX
	101	(75 - 120) 0.49 (0-25)		SW846 6010B	01/16-01/17/01	DTNL01CO
		Dilution Factor: 1				
		Analysis Time...: 18:11		Instrument ID...: M01		Analyst ID.....: 003119
		MS Run #.....: 1016166				

(Continued on next page)

000068

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #....: E1A150166

Matrix.....: SOLID

Date Sampled....: 01/15/01 08:53 Date Received..: 01/15/01 17:00

PARAMETER	PERCENT	RECOVERY	RPD	METHOD	PREPARATION-	WORK	
	RECOVERY	LIMITS	RPD		ANALYSIS DATE	ORDER #	
Vanadium	99	(80 - 120)		SW846 6010B	01/16-01/17/01	DTNL01C1	
	99	(80 - 120)	0.0	(0-25) SW846 6010B	01/16-01/17/01	DTNL01C2	
Dilution Factor: 1							
Analysis Time...: 18:11				Instrument ID...: M01		Analyst ID.....: 003119	
MS Run #.....: 1016166							
Zinc	104	(80 - 120)		SW846 6010B	01/16-01/17/01	DTNL01C3	
	102	(80 - 120)	0.58	(0-25) SW846 6010B	01/16-01/17/01	DTNL01C4	
Dilution Factor: 1							
Analysis Time...: 18:11				Instrument ID...: M01		Analyst ID.....: 003119	
MS Run #.....: 1016166							

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

N Spiked analyte recovery is outside stated control limits.

000069

BOE-C6-0153688

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #....: E1A150166

Matrix.....: SOLID

Date Sampled...: 01/09/01 08:00 Date Received...: 01/15/01 14:40

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: E1A150166-001 Prep Batch #....: 1016320							
Mercury	123 N	(80 - 120)		SW846 7471A		01/16-01/17/01	DTNNC1A1
	102	(80 - 120)	15	(0-20)	SW846 7471A	01/16-01/17/01	DTNNC1A2
Dilution Factor: 1							
Analysis Time...: 15:28 Instrument ID...: M04 Analyst ID.....: 021088							
MS Run #.....: 1016171							

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

000070

BOE-C6-0153689

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: E1A150166 Work Order #...: DTNNC1A3-MS Matrix.....: SOLID
MS Lot-Sample #: E1A150166-001 DTNNC1A4-MSD
Date Sampled...: 01/09/01 08:00 Date Received...: 01/15/01 14:40 MS Run #.....: 1023184
Prep Date.....: 01/17/01 Analysis Date...: 01/17/01
Prep Batch #...: 1023348 Analysis Time...: 17:17
Dilution Factor: 1 Analyst ID.....: 001464 Instrument ID..: G13

PARAMETER	PERCENT	RECOVERY	RPD	LIMITS	METHOD
	RECOVERY	LIMITS			
TPH (as Gasoline)	104	(80 - 140)			SW846 8015B
	103	(80 - 140)	1.8	(0-40)	SW846 8015B
SURROGATE	PERCENT	RECOVERY		LIMITS	
a,a,a-Trifluorotoluene (TFT)		118		(60 - 130)	
		108		(60 - 130)	

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000071

BOE-C6-0153690

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #....: E1A150166 Work Order #....: DTTN51A5-MS Matrix.....: SOLID
 MS Lot-Sample #: E1A160223-053 DTTN51A6-MSD
 Date Sampled....: 01/15/01 15:10 Date Received...: 01/16/01 19:15 MS Run #.....: 1024197
 Prep Date.....: 01/23/01 Analysis Date...: 01/23/01
 Prep Batch #....: 1024408 Analysis Time...: 23:56
 Dilution Factor: 1 Analyst ID.....: 999998 Instrument ID..: MSD

PARAMETER	PERCENT	RECOVERY	RPD	LIMITS	METHOD
	RECOVERY	LIMITS			
Benzene	21 a,I	(60 - 130)			SW846 8260B
	23 a,I	(60 - 130)	6.4	(0-35)	SW846 8260B
Chlorobenzene	14 a,I	(60 - 130)			SW846 8260B
	15 a,I	(60 - 130)	6.8	(0-35)	SW846 8260B
1,1-Dichloroethene	20 a,I	(60 - 140)			SW846 8260B
	21 a,I	(60 - 140)	6.9	(0-35)	SW846 8260B
Toluene	15 a,I	(60 - 130)			SW846 8260B
	16 a,I	(60 - 130)	7.6	(0-35)	SW846 8260B
Trichloroethene	12 a,I	(60 - 140)			SW846 8260B
	13 a,I	(60 - 140)	8.4	(0-35)	SW846 8260B

SURROGATE

	PERCENT	RECOVERY	LIMITS
	RECOVERY	LIMITS	
Bromofluorobenzene	16 *, I	(60 - 140)	
	17 *, I	(60 - 140)	
1,2-Dichloroethane-d4	37 *, I	(60 - 140)	
	37 *, I	(60 - 140)	
Toluene-d8	16 *, I	(60 - 140)	
	17 *, I	(60 - 140)	

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

* Surrogate recovery is outside stated control limits.

I Matrix interference.

a Spiked analyte recovery is outside stated control limits.

000072

BOE-C6-0153691